

# 常见PTM修饰-抗体清单

| 高级验证              | 产品名   | 货号            | 反应种属                    | 验证应用   |
|-------------------|---|---------------|-------------------------|--|
| Cell<br>treatment | Acetylated-Lysine Recombinant Rabbit<br>Multiclonal Antibody [PSH10-04]   | HA723173      | Species independent     | WB,IHC-P,ChIP,IF-<br>Tissue                                  |
| Cell<br>treatment | Acetylated-Lysine Recombinant Rabbit mAb [PSH09-15]                       | HA723073      | Species independent     | WB,IHC-P,IF-<br>Tissue,ChIP,IP                               |
| Cell<br>treatment | Acetylated-Lysine Recombinant Rabbit mAb [PSH09-16]                       | HA723074      | Species independent     | WB,IHC-P,IF-Tissue   |
|                   | ACSS1 (Acetyl K642) Rabbit pAb  | ER60060       | Human, Mouse, Rat       | WB   |
|                   | alpha Tubulin (Acetyl K112) Rabbit pAb                                    | ER60054       | Human, Mouse, Rat       | WB   |
| Cell<br>treatment | alpha Tubulin (acetyl K40) Recombinant<br>Rabbit mAb [PSH0-13]            | HA721271      | Human, Mouse, Rat       | WB,IF-Cell   |
| Cell<br>treatment | Asymmetric Di-Methyl Arginine (ADMA)<br>Recombinant Rabbit mAb [PSH09-55] | HA723117      | Species independent     | ELISA,WB   |
|                   | E2F-4 (Acetyl K96) Rabbit pAb   | ER60051       | Human, Mouse, Rat       | WB   |
|                   | eIF5A/eIF5A2 (Acetyl K47) Rabbit pAb                                      | ER60050       | Human, Mouse, Rat       | WB   |
|                   | Histone H1 (Acetyl K25) Rabbit pAb  | ER60044       | Human, Monkey           | WB,IHC-P   |
|                   | Histone H1 (di methyl K25) Rabbit pAb                                     | ER60071       | Human, Mouse, Rat       | WB   |
|                   | Histone H1 (tri methyl K25) Rabbit pAb                                    | ER60076       | Human                   | WB   |
|                   | Histone H2A (Acetyl K15) Rabbit pAb                                       | ER60073       | Human, Mouse, Rat       | WB   |
|                   | Histone H2A (Acetyl K5) Rabbit pAb  | ER60045       | Human, Mouse, Rat       | IHC-P,WB   |
|                   | Histone H2A (Acetyl K5) Rabbit pAb  | ER60072       | Human, Mouse, Rat       | WB   |
| Cell<br>treatment | Histone H2A (acetyl K9) Recombinant<br>Rabbit mAb [SR4-15]                | ET1602-<br>34 | Human, Mouse, Rat       | WB,IF-Cell,IF-<br>Tissue,IHC-<br>P,ChIP,CUT&Tag-seq          |
| Cell<br>treatment | Histone H2A (acetyl K9) Recombinant<br>Rabbit mAb [PS01-45]               | HA721284      | Human, Mouse, Rat       | WB,IHC-P,IF-<br>Cell,CUT&Tag-seq,ChIP                        |
|                   | Histone H2A.Z (Acetyl K4) Rabbit pAb                                      | ER60075       | Human, Mouse, Rat       | WB   |
|                   | Histone H2A.Z (Acetyl K7) Rabbit pAb                                      | ER60074       | Human, Mouse, Rat       | WB   |
|                   | Histone H2B (Acetyl K12) Rabbit pAb                                       | ER60047       | Human, Mouse,<br>Monkey | WB,IHC-P,IF-Cell   |
|                   | Histone H2B (Acetyl K15) Rabbit pAb                                       | ER60048       | Human, Mouse            | WB,IHC-P,IF-Cell   |
| Cell<br>treatment | Histone H2B (acetyl K20) Recombinant<br>Rabbit mAb [SN72-09]              | ET1611-<br>48 | Human, Mouse, Rat       | WB,IF-Cell,IF-<br>Tissue,IHC-<br>P,FC,IP,ChIP,CUT&Tag<br>seq |
| Cell<br>treatment | Histone H2B (acetyl K20) Recombinant Rabbit mAb [PS01-46]                 | HA721285      | Human, Mouse, Rat       | WB,IHC-P,IF-Cell,ChIP  |

#### 杭州华安生物技术有限公司

|                   | Histone H2B (Acetyl K5) Rabbit pAb                                       | ER60046       | Human, Mouse                 | WB,IHC-P,IF-Cell  |
|-------------------|--|---------------|------------------------------|---|
|                   | Histone H2B (mono methyl R79)<br>Recombinant Rabbit mAb [ST0430]         | ET1609-9      | Human, Mouse, Rat            | IF-Cell,IHC-P   |
| Cell<br>treatment | Histone H3 (acetyl K14) Recombinant<br>Rabbit mAb [JU43-26]              | ET1706-<br>28 | Human, Mouse, Rat            | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP,SNAP-<br>ChIP,CUT&Tag-seq |
| Cell<br>treatment | Histone H3 (acetyl K18) Mouse mAb [A7B6]                                 | HA600091      | Human                        | WB,IF-Cell  |
| Cell<br>treatment | Histone H3 (acetyl K18) Mouse mAb [A7B5]                                 | HA600090      | Human, Mouse, Rat            | WB,IHC-P,ChIP   |
| Cell<br>treatment | Histone H3 (acetyl K18) Rabbit pAb                                       | HA500047      | Human, Mouse, Rat            | WB,IHC-P,IF-Cell  |
| Cell<br>treatment | Histone H3 (acetyl K23) Recombinant<br>Rabbit mAb [JE46-39]              | HA721840      | Human, Mouse                 | WB,IF-Cell  |
| Cell<br>treatment | Histone H3 (acetyl K27) Mouse mAb [A6D7]                                 | HA600047      | Human, Mouse, Rat            | WB,IF-Cell,IHC-<br>P,FC,ChIP                                |
| Cell<br>treatment | Histone H3 (acetyl K27) Rabbit pAb                                       | HA500046      | Human, Mouse, Rat            | WB,IHC-P,ChIP   |
| Cell<br>treatment | Histone H3 (acetyl K27) Mouse mAb [A6D6]                                 | HA600048      | Human, Mouse, Rat            | WB,IF-Cell,IHC-<br>P,FC,ChIP                                |
| Cell<br>treatment | Histone H3 (acetyl K27) Recombinant<br>Rabbit mAb [PSH13-93]             | HA723586      | Human, Mouse, Rat            | WB,IHC-P,IF-Cell  |
| Cell<br>treatment | Histone H3 (acetyl K36) Recombinant<br>Rabbit mAb [JE77-32]              | HA722415      | Human, Mouse, Rat            | WB,IHC-P,IF-Cell,ChIP                                       |
| Cell<br>treatment | Histone H3 (acetyl K4) Recombinant<br>Rabbit mAb [PSH03-71]              | HA722035      | Human, Mouse, Rat            | WB,IF-Cell,ChIP,Dot<br>Blot                                 |
| Cell<br>treatment | Histone H3 (acetyl K56) Recombinant<br>Rabbit mAb [SU30-10]              | ET1608-9      | Human, Mouse, Rat            | WB,IF-Cell,IF-<br>Tissue,IHC-<br>P,ChIP,CUT&Tag-seq         |
| Cell<br>treatment | Histone H3 (acetyl K9) Recombinant<br>Rabbit mAb [PSH04-47] - ChIP Grade | HA722132      | Human, Mouse, Rat            | WB,IF-Cell,IHC-P,IF-<br>Tissue,FC,ChIP,Dot<br>Blot,IP       |
| Cell<br>treatment | Histone H3 (di methyl K27) Recombinant<br>Rabbit mAb [PSH05-88]          | HA722486      | Human, Mouse, Rat            | WB,IF-Cell,ChIP   |
| Cell<br>treatment | Histone H3 (di methyl K4) Rabbit pAb                                     | R1110-3       | Human, Mouse, Rat            | WB,IF-Cell,IHC-<br>P,FC,Dot Blot                            |
|                   | Histone H3 (di methyl K4) Recombinant<br>Rabbit mAb [JE00-98]            | HA722135      | Human, Mouse, Rat,<br>Monkey | WB,IF-Cell,ChIP,Dot<br>Blot,IHC-P                           |
|                   | Histone H3 (di methyl K9) Recombinant<br>Rabbit mAb [SN07-30]            | ET1611-<br>51 | Human, Mouse, Rat            | WB,IF-Cell,IF-<br>Tissue,IHC-P                              |
|                   | Histone H3 (mono+di+tri methyl K36)<br>Recombinant Rabbit mAb [PSH07-14] | HA722802      | Human, Mouse, Rat            | WB,IHC-P,IF-<br>Cell,FC,ChIP                                |
|                   | Histone H3 (mono+di+tri methyl K4)<br>Recombinant Rabbit mAb [PSH06-30]  | HA722662      | Human, Mouse, Rat            | WB,IHC-P,IF-<br>Cell,FC,ChIP                                |
|                   |  |               |                              |   |

|                   | Histone H3 (mono+di+tri methyl K79)<br>Recombinant Rabbit mAb [SR42-06]  | ET1602-<br>41 | Human, Mouse, Rat               | WB,IHC-P,ChIP  |
|-------------------|--|---------------|---------------------------------|--|
|                   | Histone H3 (mono+di+tri methyl K79)<br>Recombinant Rabbit mAb [PSH09-10] | HA723068      | Human, Mouse, Rat,<br>Monkey    | WB,IHC-P,IF-Cell,ChIP                                  |
|                   | Histone H3 (mono methyl K14)<br>Recombinant Rabbit mAb [JE43-29]         | HA722232      | Human, Mouse, Rat               | WB,IF-Cell,ChIP,Dot<br>Blot                            |
|                   | Histone H3 (mono methyl K18)<br>Recombinant Rabbit mAb [SA42-07]         | ET1601-<br>14 | Human, Mouse, Rat               | WB,IF-Cell,IF-<br>Tissue,IHC-P                         |
|                   | Histone H3 (mono methyl K27)<br>Recombinant Rabbit mAb [PSH05-67]        | HA722376      | Human, Mouse, Rat               | WB,IF-Cell,FC,ChIP                                     |
|                   | Histone H3 (mono methyl K36)<br>Recombinant Rabbit mAb [SR04-20]         | ET1602-<br>48 | Human, Mouse                    | WB,IF-Cell,IF-<br>Tissue,ChIP                          |
|                   | Histone H3 (mono methyl K4) Rabbit pAb                                   | R1110-1       | Human, Mouse, Rat               | WB,IF-Cell,IHC-<br>P,FC,Dot Blot                       |
|                   | Histone H3 (mono methyl K4)<br>Recombinant Rabbit mAb [PSH07-15]         | HA722803      | Human, Mouse, Rat               | WB,IF-Cell,ChIP,Dot<br>Blot                            |
| KD                | Histone H3 (mono methyl K79)<br>Recombinant Rabbit mAb [PSH07-66]        | HA722848      | Human, Mouse, Rat,<br>Monkey    | WB,IF-Cell,IHC-<br>P,FC,ChIP                           |
|                   | Histone H3 (mono methyl K9)<br>Recombinant Rabbit mAb [JE43-27]          | HA722350      | Human, Mouse, Rat,<br>Monkey    | WB,IF-Cell,IHC-<br>P,FC,ChIP,IF-Tissue,Dot<br>Blot     |
|                   | Histone H3 (mono methyl R2)<br>Recombinant Rabbit mAb [ST0427]           | ET1609-8      | Human, Mouse, Rat               | WB,IF-Cell,IF-<br>Tissue,IHC-P,ChIP                    |
| Cell<br>treatment | Histone H3 (tri methyl K27) Recombinant<br>Rabbit mAb [PSH05-15]         | HA722231      | Human, Mouse, Rat               | WB,IF-Cell,IHC-P,IF-<br>Tissue,ChIP                    |
|                   | Histone H3 (tri methyl K36) Recombinant<br>Rabbit mAb [PSH15-01]         | HA723701      | Human, Mouse, Rat,<br>Monkey    | WB,IHC-P,IF-Cell,IP,Dot<br>Blot,ChIP                   |
|                   | Histone H3 (tri methyl K9) Mouse mAb [1-6]                               | M1112-3       | Human, Mouse, Rat               | WB,IF-Cell,IHC-P,IF-<br>Tissue                         |
|                   | Histone H3 (tri methyl K9) Mouse mAb [2G1]                               | RT1287        | Human                           | WB,IF  |
| Cell<br>treatment | Histone H4 (acetyl K16) Recombinant<br>Rabbit mAb [JB21-44]              | ET7107-<br>89 | Human, Mouse, Rat               | WB,IHC-P,FC,IF-Cell,IF-<br>Tissue,ChIP                 |
| Cell<br>treatment | Histone H4 (acetyl K5) Recombinant<br>Rabbit mAb [SR31-07]               | ET1602-<br>40 | Human, Mouse, Rat               | WB,IF-Cell,IF-<br>Tissue,IHC-<br>P,IP,ChIP,CUT&Tag-seq |
|                   | Histone H4 (acetyl K8) Recombinant<br>Rabbit mAb [PS01-25]               | HA721249      | Human, Mouse, Rat               | WB,IF-Cell,IHC-P,ChIP                                  |
|                   | Histone H4 (tri methyl K20) Recombinant<br>Rabbit mAb [ST044-07]         | ET1609-<br>16 | Human, Mouse, Rat               | IHC-P  |
|                   | HSP70 (Acetyl K246) Rabbit pAb   | ER60056       | Human                           | WB   |
|                   | L-Lactyl-alpha Tubulin (K40) Rabbit pAb                                  | HA500554      | Human, Mouse, Rat,<br>Zebrafish | WB,IHC-P   |
| Cell<br>treatment | Mono-Methyl Arginine (R*GG)<br>Recombinant Rabbit mAb [PSH07-52]         | HA722840      | Species independent             | WB   |

|                   | NF-E4 (Acetyl K43) Rabbit pAb   | ER60055       | Human                     | WB                                    |
|-------------------|---|---------------|---------------------------|---------------------------------------|
| Cell<br>treatment | p53 (acetyl K370) Recombinant Rabbit mAb [SR40-09]                                  | ET1602-<br>38 | Human, Mouse, Rat         | WB,IF-Cell,IF-Tissue,FC               |
| Cell<br>treatment | p53 (acetyl K382) Recombinant Rabbit mAb [SD0801]                                   | ET1612-<br>71 | Human, Mouse              | WB,IF-Cell,IHC-P                      |
| Cell<br>treatment | p53 (acetyl K382) Recombinant Rabbit mAb [PSH06-87]                                 | HA722762      | Human, Mouse              | WB,IF-Cell                            |
| Cell<br>treatment | p53 (acetyl K382) Recombinant Rabbit mAb [PSH06-88]                                 | HA722763      | Human                     | WB,IF-Cell                            |
| Cell<br>treatment | Pan-Lactyl-lysine Recombinant Rabbit mAb [PSH03-74]                                 | HA722038      | Species independent       | WB,IHC-P,IF-Cell,Dot<br>Blot          |
| Cell<br>treatment | Pan-Lactyl-lysine Recombinant Rabbit mAb [PSH03-73]                                 | HA722037      | Species independent       | WB,IHC-P,IF-Cell,Dot<br>Blot          |
|                   | Phospho-4E-BP1/2/3 (T45) Mouse mAb [3G2]  | RT1004        | Human, Mouse, Rat         | WB,IP,IF                              |
| Cell<br>treatment | Phospho-Acetyl Coenzyme A<br>Carboxylase (S79) Recombinant Rabbit<br>mAb [PSH07-13] | HA722801      | Human, Mouse, Rat         | WB,IF-Cell,IHC-P                      |
| Cell<br>treatment | Phospho-Acetyl Coenzyme A<br>Carboxylase (S79) Recombinant Rabbit<br>mAb [JE63-95]  | HA721714      | Human, Mouse, Rat         | WB                                    |
| Cell<br>treatment | Phospho-Acetyl Coenzyme A<br>Carboxylase (S79) Recombinant Rabbit<br>mAb [JE55-54]  | HA721516      | Human, Mouse, Rat         | WB                                    |
| Cell<br>treatment | Phospho-AKT1 (S124) Recombinant<br>Rabbit mAb [JJ08-46]                             | ET1701-<br>36 | Human, Mouse, Rat         | WB,IF-Cell,IHC-P,IP                   |
| Cell<br>treatment | Phospho-AKT1 (S129) Recombinant<br>Rabbit mAb [JE59-50]                             | HA721677      | Human, Mouse, Rat         | WB                                    |
| Cell<br>treatment | Phospho-AKT1 (T450) Recombinant<br>Rabbit mAb [SD08-12]                             | ET1612-<br>73 | Human, Mouse, Rat         | WB,IHC-P,IP,IF-Cell,FC                |
| Cell<br>treatment | Phospho-AKT2 (S474) Recombinant<br>Rabbit mAb [PSH09-46]                            | HA723108      | Human, Mouse, Rat         | WB,FC                                 |
| Cell<br>treatment | Phospho-AKT2 (S474) Rabbit pAb  | HA500116      | Human, Mouse              | WB,IHC-P                              |
| Cell<br>treatment | Phospho-AKT (S473) Recombinant<br>Rabbit mAb [PSH04-44]                             | HA722129      | Human, Mouse, Rat         | WB,IHC-P,FC                           |
| Cell<br>treatment | Phospho-AKT (S473) Recombinant<br>Rabbit mAb [SY28-05]                              | ET1607-<br>73 | Human, Mouse, Rat,<br>Dog | WB,IF-Cell,IF-<br>Tissue,IHC-P,IHC-Fr |
| Cell<br>treatment | Phospho-AKT (T308) Recombinant<br>Rabbit mAb [PSH08-10]                             | HA722951      | Human                     | WB,IF-Cell,FC                         |
|                   | Phospho-alpha Synuclein (S129)<br>Recombinant Rabbit mAb [JB22-44]                  | ET7107-<br>30 | Human, Mouse, Rat         | WB,IF-Cell,IF-<br>Tissue,IHC-P,FC     |
|                   | Phospho-AMPK alpha 1 (S485)<br>Recombinant Rabbit mAb [PSH18-01]                    | HA723966      | Human, Mouse, Rat         | WB,IF-Cell                            |

| Cell<br>treatment | Phospho-AMPK alpha 1 (S496)<br>Recombinant Rabbit mAb [SD0810]                     | ET1612-<br>72 | Human, Mouse                 | WB,IP,IHC-Fr                         |
|-------------------|--|---------------|------------------------------|--------------------------------------|
| Cell<br>treatment | Phospho-AMPK alpha 1 (T183) +AMPK alpha 2 (T172) Recombinant Rabbit mAb [PSH14-13] | HA723603      | Human, Mouse, Rat            | WB,IHC-P                             |
|                   | Phospho-AMPK alpha 2 (S345)<br>Recombinant Rabbit mAb [JJ08-19]                    | ET1701-<br>37 | Human, Mouse, Rat            | WB,IF-Tissue,IHC-P,FC                |
| Cell<br>treatment | Phospho-AMPK alpha 2 (S491)<br>Recombinant Rabbit mAb [JE59-49]                    | HA722567      | Human                        | WB                                   |
|                   | Phospho-AP2M1 (Thr156) Rabbit pAb  | ER65961       | Human, Mouse, Rat            | WB                                   |
| Cell<br>treatment | Phospho-AS160 (T642) Recombinant<br>Rabbit mAb [JE60-97]                           | HA721489      | Human, Mouse, Rat            | WB,IF-Cell                           |
| Cell<br>treatment | Phospho-ATF2 (T71) Recombinant<br>Rabbit mAb [SC05-90]                             | ET1610-<br>30 | Human, Mouse, Rat            | WB,IF-Cell,IF-<br>Tissue,IP,IHC-P    |
| Cell<br>treatment | Phospho-ATM (S1981) Recombinant<br>Rabbit mAb [JM93-25]                            | ET1705-<br>50 | Human, Mouse                 | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP,FC |
| Cell<br>treatment | Phospho-ATR (T1989) Rabbit pAb   | HA500405      | Human                        | WB                                   |
| Cell<br>treatment | Phospho-ATR (T1989) Recombinant<br>Rabbit mAb [PS01-18]                            | HA721190      | Human                        | WB,IF-Cell                           |
| Cell<br>treatment | Phospho-Axl (Y702) Recombinant Rabbit mAb [PSH17-98]                               | HA723963      | Human                        | WB                                   |
| Cell<br>treatment | Phospho-BCAR1 (Y410) Recombinant<br>Rabbit mAb [JE47-97]                           | HA722124      | Human                        | WB                                   |
| Cell<br>treatment | Phospho-BCKDHA (S293) Recombinant<br>Rabbit mAb [PSH14-02]                         | HA723592      | Human, Mouse, Rat,<br>Monkey | WB                                   |
| Cell<br>treatment | Phospho-Bcl-2 (S70) Recombinant<br>Rabbit mAb [PSH11-02]                           | HA723269      | Human                        | WB,IF-Cell,FC                        |
| Cell<br>treatment | Phospho-Beclin 1 (S30) Recombinant<br>Rabbit mAb [PSH16-40]                        | HA723840      | Human, Mouse, Rat            | WB                                   |
| Cell<br>treatment | Phospho-Beta Catenin (S33 + S37)<br>Recombinant Rabbit mAb [JE59-59]               | HA721580      | Human, Rat, Mouse            | WB                                   |
| Cell<br>treatment | Phospho-Beta Catenin (S552)<br>Recombinant Rabbit mAb [PSH08-72]                   | HA723024      | Human, Mouse, Rat            | WB,IF-Cell,IHC-P,FC                  |
| Cell<br>treatment | Phospho-Beta Catenin (T41/S45)<br>Recombinant Rabbit mAb [JE54-02]                 | HA722316      | Human, Mouse, Rat            | WB,IHC-P                             |
| Cell<br>treatment | Phospho-BRAF (T401) Recombinant<br>Rabbit mAb [JJ08-72]                            | ET1701-<br>20 | Human, Mouse, Rat            | WB,IF-Cell,IP,IHC-P                  |
| Cell<br>treatment | Phospho-BTK (Y223) Recombinant<br>Rabbit mAb [ST51-05]                             | ET1609-<br>55 | Human, Mouse                 | WB,IP                                |
| Cell<br>treatment | Phospho-CaMKII (T286) Recombinant<br>Rabbit mAb [JE51-81]                          | HA721794      | Human, Mouse, Rat            | WB                                   |
|                   | Phospho-CaMKII (T286) Mouse mAb [2G1]  | RT1092        | Human, Mouse, Rat            | WB,IP,IF                             |

| Cell<br>treatment | Phospho-CBL (Y774) Recombinant<br>Rabbit mAb [JE62-93]                  | HA722786      | Human              | WB                                   |
|-------------------|---|---------------|--------------------|--------------------------------------|
| Cell<br>treatment | Phospho-CDC37 (S13) Recombinant<br>Rabbit mAb [SD08-50]                 | ET1612-<br>74 | Human, Mouse, Rat  | WB,IP                                |
| Cell<br>treatment | Phospho-Cdc6 (S54) Recombinant<br>Rabbit mAb [SD08-47]                  | ET1612-<br>96 | Human, Mouse, Rat  | WB,IF-Tissue,IHC-P                   |
| Cell<br>treatment | Phospho-Cdk1/2/3 (T14) Recombinant<br>Rabbit mAb [JE04-37]              | HA722272      | Human, Mouse, Rat  | WB,IHC-P                             |
| Cell<br>treatment | Phospho-CDK1 (T161) Recombinant<br>Rabbit mAb [PSH03-42]                | HA721987      | Human, Mouse, Rat  | WB,IF-Cell,IHC-P,FC                  |
| Cell<br>treatment | Phospho-CDK1 (T161) + CDK2/CDK3 (T160) Recombinant Rabbit mAb [JE75-37] | HA722582      | Human              | WB,Dot Blot                          |
| Cell<br>treatment | Phospho-Cdk2 (Y15) Recombinant<br>Rabbit mAb [SN72-04]                  | ET1611-<br>52 | Human, Mouse, Rat  | WB,IHC-P,IP,IF-Tissue                |
| Cell<br>treatment | Phospho-CDK (Y15) Recombinant Rabbit mAb [PSH09-45]                     | HA723107      | Human, Mouse       | WB,IHC-P                             |
| Cell<br>treatment | Phospho-Chk1 (S280) Recombinant<br>Rabbit mAb [JE47-66]                 | HA721471      | Human, Mouse, Rat  | WB                                   |
| Cell<br>treatment | Phospho-Chk1 (S296) Recombinant<br>Rabbit mAb [SN06-50]                 | ET1611-<br>76 | Human, Mouse, Rat  | WB,IHC-P,IF-Cell                     |
| Cell<br>treatment | Phospho-Chk1 (S317) Recombinant<br>Rabbit mAb [PSH03-84]                | HA722050      | Human, Mouse, Rat  | WB,IHC-P                             |
| Cell<br>treatment | Phospho-Chk1 (S345) Recombinant<br>Rabbit mAb [PS01-17]                 | HA721189      | Human, Mouse       | WB,IF-Cell                           |
| Cell<br>treatment | Phospho-Chk2 (T68) Recombinant<br>Rabbit mAb [JE43-12]                  | HA721633      | Human, Mouse, Rat  | WB                                   |
| Cell<br>treatment | Phospho-c-Jun (S63) Recombinant<br>Rabbit mAb [SY0297]                  | ET1608-4      | Human, Mouse, Rat  | WB,IF-Cell,IHC-P                     |
| Cell<br>treatment | Phospho-c-Jun (S73)+JunD (S100)<br>Recombinant Rabbit mAb [JE65-46]     | HA722475      | Human, Mouse, Rat  | WB,IF-Cell,FC                        |
| Cell<br>treatment | Phospho-c-Jun (S73)+JunD (S100)<br>Recombinant Rabbit mAb [PSH07-12]    | HA722800      | Human, Mouse, Rat  | WB,IF-Cell                           |
| Cell<br>treatment | Phospho-c-Jun (T91) Recombinant<br>Rabbit mAb [JJ080-9]                 | ET1701-<br>32 | Human, Mouse, Rat  | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP    |
| Cell<br>treatment | Phospho-c-Myc (S62) Recombinant<br>Rabbit mAb [ST49-08]                 | ET1609-<br>64 | Human, Mouse, Rat  | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP    |
| Cell<br>treatment | Phospho-c-Myc (T58) Recombinant<br>Rabbit mAb [SN60-01]                 | ET1611-<br>24 | Human, Mouse, Rat  | WB,IF-Cell,IF-<br>Tissue,FC,IHC-P    |
| Cell<br>treatment | Phospho-c-Myc (T58 + S62)<br>Recombinant Rabbit mAb [SZ02-06]           | ET1603-<br>24 | Human, Mouse       | WB,IP,FC                             |
| Cell<br>treatment | Phospho-Cofilin (S3) Recombinant<br>Rabbit mAb [PSH07-18]               | HA722806      | Human, Rat, Monkey | WB                                   |
| Cell<br>treatment | Phospho-Creb (S133) Recombinant<br>Rabbit mAb [JB25-40]                 | ET7107-<br>93 | Human, Mouse, Rat  | WB,IF-Cell,IHC-<br>P,IP,FC,IF-Tissue |
|                   |   |               |                    |                                      |

| Cell<br>treatment                            | Phospho-CrkL (Y207) Recombinant<br>Rabbit mAb [JE55-58]                     | HA721675      | Human, Mouse, Rat | WB                                   |
|--|---|---------------|-------------------|--------------------------------------|
| Cell<br>treatment                            | Phospho-CRMP2 (T514) Recombinant<br>Rabbit mAb [JE57-25]                    | HA721674      | Human, Mouse, Rat | WB                                   |
|  | Phospho-Cyclin E1 (T77) Recombinant Rabbit mAb [SD2025]                     | ET1612-<br>31 | Human, Mouse, Rat | WB,IF-Cell,IF-<br>Tissue,IHC-P       |
| Cell<br>treatment                            | Phospho-Cytosolic Phospholipase A2 (S505) Recombinant Rabbit mAb [PSH07-56] | HA722849      | Human, Mouse      | WB,Dot Blot                          |
| Cell<br>treatment                            | Phospho-Cytosolic Phospholipase A2 (S505) Recombinant Rabbit mAb [PSH07-16] | HA722804      | Human, Mouse      | WB                                   |
| Cell<br>treatment                            | Phospho-DNA PKcs (S2056)<br>Recombinant Rabbit mAb [JE41-92]                | HA722066      | Human             | WB,IF-Cell                           |
| Cell<br>treatment                            | Phospho-DRP1 (S616) Recombinant<br>Rabbit mAb [PSH06-77]                    | HA722760      | Human, Mouse, Rat | WB,IHC-P,IF-Tissue,IF-Cell,FC        |
| Cell<br>treatment                            | Phospho-EEF2 (T56) Recombinant<br>Rabbit mAb [PSH06-36]                     | HA722670      | Human, Mouse, Rat | WB,IHC-P,IF-Cell                     |
|  | Phospho-EGFR (S695) Recombinant<br>Rabbit mAb [SN07-36]                     | ET1611-<br>50 | Human             | WB,IF-Cell,IF-Tissue                 |
| Cell<br>treatment                            | Phospho-EGFR (T669) Recombinant<br>Rabbit mAb [PSH10-03]                    | HA723172      | Human, Mouse, Rat | WB,IP                                |
| Cell<br>treatment                            | Phospho-EGFR (Y1045) Recombinant<br>Rabbit mAb [PSH03-28]                   | HA721970      | Human             | WB,IF-Cell,FC                        |
| Cell<br>treatment                            | Phospho-EGFR (Y1068) Recombinant<br>Rabbit mAb [SD2055]                     | ET1612-<br>30 | Human             | WB,IF-Cell,IF-<br>Tissue,IP,FC       |
| Cell<br>treatment                            | Phospho-EGFR (Y1092) Recombinant<br>Rabbit mAb [SJ0194]                     | ET1606-<br>44 | Human, Mouse      | WB,IF-Tissue,IHC-P                   |
|  | Phospho-EGFR (Y1148) Rabbit pAb   | HA500580      | Human             | WB,IF-Cell                           |
| Cell<br>treatment                            | Phospho-EGFR (Y1173) Recombinant<br>Rabbit mAb [SC57-04]                    | ET1610-4      | Human, Mouse      | WB,IF-Cell,IHC-P,IP                  |
| Cell<br>treatment                            | Phospho-EGFR (Y845) Recombinant<br>Rabbit mAb [JE46-77]                     | HA721488      | Human             | WB                                   |
| Cell<br>treatment,<br>Relative<br>expression | Phospho-EIF2S1 (S51) Recombinant<br>Rabbit mAb [SZ01-06]                    | ET1603-<br>14 | Human, Mouse, Rat | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP,FC |
|  | Phospho-EIF2S1 (S52) Rabbit pAb   | RT1198        | Human, Mouse, Rat | WB,IP,IF,IHC-P                       |
| Cell<br>treatment                            | Phospho-eIF4B (S406) Recombinant<br>Rabbit mAb [JE63-80]                    | HA722149      | Human, Mouse, Rat | WB,IF-Cell,IHC-P,FC                  |
| Cell<br>treatment                            | Phospho-eIF4B (S406) Recombinant<br>Rabbit mAb [JE58-32]                    | HA721676      | Human, Mouse, Rat | WB                                   |
| Cell<br>treatment                            | Phospho-eIF4EBP1 (S65) Recombinant<br>Rabbit mAb [PSH09-44]                 | HA723106      | Human             | WB,IF-Cell,IP                        |

| Cell<br>treatment | Phospho-eIF4EBP1 (T70) Recombinant<br>Rabbit mAb [PSH09-91]                                    | HA723222      | Human, Mouse              | WB,IHC-P,IP                          |
|-------------------|--|---------------|---------------------------|--------------------------------------|
| Cell<br>treatment | Phospho-eIF4E (S209) Recombinant<br>Rabbit mAb [SU0396]  | ET1608-<br>66 | Human, Mouse, Rat         | WB,IF-Cell,IHC-P,IP,FC               |
| Cell<br>treatment | Phospho-eIF4G (S1108) Recombinant<br>Rabbit mAb [PS01-08]                                      | HA721276      | Human                     | WB,IHC-P                             |
|                   | Phospho-ELK1 (S383) Rabbit pAb   | ER65967       | Human, Mouse, Rat         | WB,IHC                               |
| Cell<br>treatment | Phospho-ELK1 (S383) Recombinant<br>Rabbit mAb [PSH14-65]                                       | HA723663      | Human, Mouse              | WB,IHC-P,IP                          |
| Cell<br>treatment | Phospho-eNOS (S1177) Recombinant<br>Rabbit mAb [PS01-10]                                       | HA721188      | Human, Dog,<br>Mouse, Rat | WB,IHC-P                             |
| Cell<br>treatment | Phospho-ErbB3/HER3 (Y1289)<br>Recombinant Rabbit mAb [JE51-25]                                 | HA722178      | Human                     | WB,IF-Cell                           |
| Cell<br>treatment | Phospho-Erk1 (T202)+Erk2 (T185)<br>Recombinant Rabbit mAb [SZ2-4]                              | ET1603-<br>22 | Human, Mouse, Rat         | WB,IF-Cell,IHC-P,FC,IF-<br>Tissue    |
| Cell<br>treatment | Phospho-Erk1 (T202 + Y204) + Erk2<br>(T185 + Y187) Recombinant Rabbit mAb<br>[SC58-01]         | ET1610-<br>13 | Human, Mouse, Rat         | WB,IHC-P,IF-Cell,IF-<br>Tissue,FC,IP |
| Cell<br>treatment | Phospho-Estrogen Receptor alpha (S118) Recombinant Rabbit mAb [SC05-87]                        | ET1610-<br>32 | Human, Mouse              | WB,IF-Cell,IF-<br>Tissue,IHC-P       |
| Cell<br>treatment | Phospho-Ezrin (T567)/Radixin (T564)/Moesin (T558) Recombinant Rabbit mAb [PSH05-73]            | HA722440      | Human, Mouse, Rat         | WB,IF-Cell,IHC-P                     |
|                   | Phospho-FAK (S722) Mouse mAb [4G1]   | RT1216        | Human, Mouse, Rat         | WB,IP,IF,IHC-P                       |
| Cell<br>treatment | Phospho-FAK (Y397) Recombinant<br>Rabbit mAb [SC54-07]   | ET1610-<br>34 | Human, Mouse, Rat         | WB,IF-Cell,IF-<br>Tissue,IHC-P       |
| Cell<br>treatment | Phospho-FOXO1A (T24)+ FOXO3A (T32)+ FOXO4 (T28)+ FOXO6 (T26) Recombinant Rabbit mAb [PSH06-00] | HA722499      | Human, Mouse              | WB,IF-Cell,FC                        |
| Cell<br>treatment | Phospho-FOXO3a (S253) Recombinant<br>Rabbit mAb [ST49-01]                                      | ET1609-<br>49 | Human, Mouse, Rat         | WB,IHC-P,IF-Cell,FC                  |
| Cell<br>treatment | Phospho-GATA3 (S308) Recombinant<br>Rabbit mAb [ST44-09]                                       | ET1609-<br>17 | Human, Mouse, Rat         | WB,IHC-P,IP,IF-Tissue                |
| Cell<br>treatment | Phospho-GCN2 (T899) Recombinant<br>Rabbit mAb [JE00-51]  | HA722249      | Human, Mouse, Rat         | WB                                   |
|                   | Phospho-Glucose Transporter GLUT4 (S488) Recombinant Rabbit mAb [JE43-23]                      | HA721866      | Mouse, Human, Rat         | WB                                   |
|                   | Phospho-GluR1 (AMPA subtype) (S831)<br>Recombinant Rabbit mAb [JE44-96]                        | HA721865      | Human, Mouse, Rat         | WB                                   |
| Cell<br>treatment | Phospho-GluR1 (S845) Recombinant<br>Rabbit mAb [JJ2009]  | ET1701-<br>28 | Mouse, Rat, Human         | WB,FC                                |
| Cell<br>treatment | Phospho-Glycogen synthase 1 (S641)<br>Recombinant Rabbit mAb [SR46-06]                         | ET1602-<br>13 | Human, Mouse, Rat         | WB,IF-Cell,IHC-P,IP                  |
|                   |  |               |                           |                                      |

| Cell<br>treatment | Phospho-GSK3 (alpha + beta) (Y216 + Y279) Recombinant Rabbit mAb [SY26-05]     | ET1607-<br>54 | Human, Mouse, Rat                       | WB,IF-Cell,IHC-P,IP,IF-<br>Tissue,FC |
|-------------------|--|---------------|---|--------------------------------------|
| Cell<br>treatment | Phospho-GSK3 alpha (S21)<br>Recombinant Rabbit mAb [PSH09-11]                  | HA723069      | Human, Mouse                            | WB,IHC-P,Dot Blot                    |
| Cell<br>treatment | Phospho-GSK3 beta (S9) Recombinant<br>Rabbit mAb [SY02-71]                     | ET1607-<br>60 | Human, Mouse, Rat                       | WB,IF-Cell,IF-<br>Tissue,IHC-P,FC    |
|                   | Phospho-HER2 / ErbB2 (T686) Mouse mAb [4G3]                                    | RT1275        | Human, Mouse, Rat                       | WB,IP                                |
| Cell<br>treatment | Phospho-HER2 / ErbB2 (Y1139)<br>Recombinant Rabbit mAb [JE60-90]               | HA722201      | Human                                   | WB,IF-Cell,FC                        |
| Cell<br>treatment | Phospho-HER2 / ErbB2 (Y1221 + Y1222)<br>Recombinant Rabbit mAb [JE44-12]       | HA721433      | Human                                   | WB                                   |
| Cell<br>treatment | Phospho-HER2 / ErbB2 (Y1248)<br>Recombinant Rabbit mAb [PSH04-03]              | HA722084      | Human                                   | WB,IF-Cell                           |
| Cell<br>treatment | Phospho-HER3/ErbB3 (Y1222)<br>Recombinant Rabbit mAb [JE51-89]                 | ET7110-<br>10 | Human                                   | WB,IHC-P                             |
| Cell<br>treatment | Phospho-Histone H1.3 (T17)+Histone H1.4 (T17) Recombinant Rabbit mAb [SR38-03] | ET1602-<br>11 | Human, Mouse, Rat                       | WB,IF-Cell,IF-<br>Tissue,IHC-P       |
| Cell<br>treatment | Phospho-Histone H2A.X (S139)<br>Recombinant Rabbit mAb [SR33-09]               | ET1602-2      | Human, Mouse, Rat,<br>Cynomolgus monkey | WB,IHC-P,IF-Cell,IF-<br>Tissue       |
| Cell<br>treatment | Phospho-Histone H3.3 (S31)<br>Recombinant Rabbit mAb [JE62-92]                 | HA721034      | Human, Rat                              | WB,IF-Cell                           |
| Cell<br>treatment | Phospho-Histone H3 (S10) Recombinant<br>Rabbit mAb [SA31-01]                   | ET1601-<br>30 | Human, Mouse, Rat                       | WB,IF-Cell,IHC-<br>P,IP,FC,ChIP      |
| Cell<br>treatment | Phospho-Histone H3 (S28) Recombinant<br>Rabbit mAb [JE56-06]                   | HA721795      | Human, Rat, Mouse                       | WB,IF-Cell,IHC-<br>P,FC,ChIP         |
| Cell<br>treatment | Phospho-Histone H3 (T3) Recombinant<br>Rabbit mAb [JE42-48]                    | HA721796      | Human, Mouse, Rat                       | WB,IHC-P,IF-Cell,FC                  |
| Cell<br>treatment | Phospho-Hormone sensitive lipase (S660) Recombinant Rabbit mAb [PSH10-28]      | HA723195      | Mouse, Rat, Human                       | WB                                   |
| Cell<br>treatment | Phospho-Hormone sensitive lipase (S853) Recombinant Rabbit mAb [SN06-39]       | ET1611-<br>19 | Human, Mouse, Rat                       | WB,IHC-P                             |
| Cell<br>treatment | Phospho-HSF1 (S326) Recombinant<br>Rabbit mAb [SU31-03]                        | ET1608-<br>11 | Human                                   | WB,IHC-P,IP                          |
| Cell<br>treatment | Phospho-Hsp27 (S78) Recombinant<br>Rabbit mAb [JJ08-70]                        | ET1701-<br>19 | Human                                   | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP    |
|                   | Phospho-Hsp27 (S82) Recombinant<br>Rabbit mAb [SN06-73]                        | ET1611-<br>16 | Human, Mouse, Rat                       | WB,IP,IF-Cell,FC                     |
| Cell<br>treatment | Phospho-IKB alpha (S32) Recombinant<br>Rabbit mAb [ST53-05]                    | ET1609-<br>78 | Human, Mouse                            | WB,IF-Cell,IP                        |
|                   |  |               |   |                                      |

| Cell<br>treatment                            | Phospho-IKB alpha (S32/S36)<br>Recombinant Rabbit mAb [PSH06-76]                      | HA722770      | Human, Mouse, Rat | WB,IHC-P,IF-Cell                                |
|--|---|---------------|-------------------|---|
| Cell<br>treatment                            | Phospho-IKB alpha (S36) Recombinant<br>Rabbit mAb [JE56-65]                           | HA721802      | Human, Mouse, Rat | WB,IF-Cell                                      |
| Cell<br>treatment                            | Phospho-IRE1 (S724) Recombinant<br>Rabbit mAb [PSH03-35]                              | HA721980      | Human, Mouse      | WB,IF-Cell,IHC-P,FC                             |
| Cell<br>treatment                            | Phospho-IRF3 (S386) Recombinant<br>Rabbit mAb [SU03-28]                               | ET1608-<br>22 | Human             | WB,IF-Cell,IF-Tissue                            |
| Cell<br>treatment                            | Phospho-IRF3 (S396) Recombinant<br>Rabbit mAb [PSH06-75]                              | HA722772      | Human, Mouse, Rat | WB,IHC-P,IF-Cell,FC                             |
| Cell<br>treatment                            | Phospho-JAK2 (Y1007 + Y1008)<br>Recombinant Rabbit mAb [SY24-03]                      | ET1607-<br>34 | Human, Mouse, Rat | WB,IF-Cell,IHC-P,IP                             |
| Cell<br>treatment                            | Phospho-JNK1/2/3 (T183 + T183 + T221)<br>Recombinant Rabbit mAb [ST500]               | ET1609-<br>42 | Human, Mouse, Rat | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP,FC,IHC-<br>Fr |
| Cell<br>treatment                            | Phospho-JunD (S255) Recombinant<br>Rabbit mAb [JJ08-21]                               | ET1701-<br>35 | Human, Mouse, Rat | WB,IF-Cell,IF-<br>Tissue,IHC-P                  |
| Cell<br>treatment                            | Phospho-KAP1 (S824) Recombinant<br>Rabbit mAb [JE50-99]                               | ET7110-<br>11 | Human, Mouse, Rat | WB,IHC-P,IP,Dot<br>Blot,IF-Cell                 |
| Cell<br>treatment                            | Phospho-Lamin A + Lamin C (S22)<br>Recombinant Rabbit mAb [PSH11-47]                  | HA723339      | Human, Mouse, Rat | WB,IHC-P  |
| Cell<br>treatment                            | Phospho-Lamin A + Lamin C (S22)<br>Recombinant Rabbit mAb [PSH11-48]                  | HA723340      | Human, Mouse, Rat | WB  |
|  | Phospho-LATS1/2 (Ser909) Rabbit pAb   | ER65962       | Human, Mouse, Rat | WB,IHC  |
| Cell<br>treatment                            | Phospho-LRRK2 (S935) Recombinant<br>Rabbit mAb [JE42-11]                              | HA722315      | Mouse, Human      | WB,IF-Cell,FC                                   |
| Cell<br>treatment,<br>Relative<br>expression | Phospho-LYN (Y397)/LCK (Y394)/HCK (Y411)/BLK (Y389) Recombinant Rabbit mAb [PSH09-43] | HA723105      | Human, Mouse, Rat | WB,IF-Cell                                      |
| Cell<br>treatment                            | Phospho-MAP2 (S136) Recombinant<br>Rabbit mAb [JE44-25]                               | HA722351      | Mouse, Rat        | WB,IHC-P,IHC-Fr,IF-<br>Tissue                   |
|  | Phospho-MCM2 (S108) Recombinant<br>Rabbit mAb [JE63-52]                               | HA721021      | Human, Mouse, Rat | WB,IHC-P  |
| Cell<br>treatment                            | Phospho-MCM2 (S27) Recombinant<br>Rabbit mAb [JE63-40]                                | HA722574      | Human, Mouse, Rat | WB,IF-Cell,IHC-P,IP                             |
| Cell<br>treatment                            | Phospho-MCM2 (S40) Recombinant<br>Rabbit mAb [JE35-01]                                | HA722216      | Human, Mouse, Rat | WB,IF-Cell,IHC-P,FC,IF-<br>Tissue               |
| Cell<br>treatment                            | Phospho-MCM2 (S41) Recombinant<br>Rabbit mAb [JE50-04]                                | HA722279      | Human, Mouse, Rat | WB,IF-Cell,IHC-P,FC,IP                          |
| Cell<br>treatment                            | Phospho-MDM2 (S166) Recombinant<br>Rabbit mAb [JE64-20]                               | HA721791      | Human, Mouse, Rat | WB  |
| Cell<br>treatment                            | Phospho-MEK1/2 (S218 + S222)<br>Recombinant Rabbit mAb [ST0490]                       | ET1609-<br>50 | Human, Mouse, Rat | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP               |
|  |   |               |                   |   |

|  | Phospho-MEK1 (S298) Recombinant<br>Rabbit mAb [SD206-7]              | ET1612-<br>40 | Human, Mouse, Rat | WB,IF-Cell,IF-<br>Tissue,IHC-P       |
|--|--|---------------|-------------------|--------------------------------------|
| Cell<br>treatment                            | Phospho-MEK1 (T292) Recombinant<br>Rabbit mAb [SD2088]               | ET1612-<br>42 | Human, Mouse, Rat | WB,IHC-P                             |
| Cell<br>treatment                            | Phospho-MEK3 (S189)+MEK6 (S207)<br>Recombinant Rabbit mAb [PSH11-17] | HA723299      | Human, Mouse      | WB                                   |
| Cell<br>treatment                            | Phospho-Met (Y1234/Y1235)<br>Recombinant Rabbit mAb [PSH06-90]       | HA722765      | Human             | WB                                   |
| Cell<br>treatment                            | Phospho-Met (Y1349) Recombinant<br>Rabbit mAb [JE51-68]              | ET7110-<br>14 | Human, Rat        | WB,IHC-P                             |
| Cell<br>treatment                            | Phospho-MLKL (S345) Recombinant<br>Rabbit mAb [JM92-37]              | ET1705-<br>51 | Mouse             | WB,IHC-P,IHC-Fr                      |
| Cell<br>treatment                            | Phospho-MNK1 (T250 + T255)<br>Recombinant Rabbit mAb [PSH17-95]      | HA723960      | Human, Mouse      | WB,IHC-P,IF-Cell,FC                  |
| Cell<br>treatment                            | Phospho-MSK1 (S376) Recombinant<br>Rabbit mAb [SN63-05]              | ET1611-<br>17 | Human, Rat        | WB,IF-Cell,IHC-P,IP                  |
| Cell<br>treatment                            | Phospho-MST1/MST2 (T180 + T183)<br>Recombinant Rabbit mAb [JE46-64]  | HA721737      | Human, Mouse, Rat | WB                                   |
| Cell<br>treatment                            | Phospho-mTOR (S2448) Mouse mAb [A5D5]                                | HA600094      | Human, Mouse, Rat | WB,IHC-P                             |
| Cell<br>treatment                            | Phospho-mTOR (S2481) Recombinant<br>Rabbit mAb [JE59-62]             | HA721632      | Human             | WB                                   |
|  | Phospho-MYL9 (T18 + S19)<br>Recombinant Rabbit mAb [PSH12-71]        | HA723482      | Mouse, Rat        | WB                                   |
|  | Phospho-Myosin light chain (S20) Rabbit pAb                          | ER1913-<br>46 | Human, Mouse      | WB,IHC-P,IF-Tissue                   |
| Cell<br>treatment                            | Phospho-MYPT1 (T853) Recombinant<br>Rabbit mAb [PSH08-71]            | HA723023      | Human, Mouse, Rat | WB                                   |
| Cell<br>treatment                            | Phospho-NDRG1 (T346) Recombinant<br>Rabbit mAb [PSH07-17]            | HA722805      | Human, Mouse, Rat | WB,IHC-P,IF-Cell,FC,IF-<br>Tissue    |
| Cell<br>treatment                            | Phospho-NF-kB p65 (S529) Recombinant Rabbit mAb [SP07-00]            | ET1604-<br>27 | Human             | WB,IHC-P,FC,IP                       |
| Cell<br>treatment                            | Phospho-NF-kB p65 (S536) Recombinant Rabbit mAb [PSH10-58]           | HA723223      | Human, Mouse, Rat | WB,IF-Cell                           |
|  | Phospho-NLRC4 (S533) Rat mAb [B7-B7]                                 | EM1707-<br>24 | Human, Mouse      | WB,IF-Cell                           |
| Cell<br>treatment,<br>Relative<br>expression | Phospho-Nrf2 (S40) Recombinant Rabbit mAb [SU0334]                   | ET1608-<br>28 | Human, Mouse, Rat | WB,IF-Cell,IF-<br>Tissue,IHC-P,FC,IP |
| Cell<br>treatment                            | Phospho-Nucleolin (T76) Recombinant<br>Rabbit mAb [JE64-03]          | HA722942      | Human             | WB,IHC-P                             |
| Cell<br>treatment                            | Phospho-Nucleolin (T84) Recombinant<br>Rabbit mAb [JE64-18]          | HA722920      | Human             | WB,IHC-P                             |

|                   | Phospho-Nucleophosmin (S125)<br>Recombinant Rabbit mAb [JE51-14]             | HA722559      | Human, Mouse, Rat | WB,IHC-P,IF-Cell,FC                  |
|-------------------|--|---------------|-------------------|--------------------------------------|
| Cell<br>treatment | Phospho-Nucleophosmin (T199)<br>Recombinant Rabbit mAb [JE63-16]             | HA722125      | Human             | WB                                   |
|                   | Phospho-p130 (T986) Recombinant<br>Rabbit mAb [JE64-95]                      | HA722472      | Human, Mouse, Rat | WB,IHC-P                             |
| Cell<br>treatment | Phospho-p38 alpha (T180) Recombinant<br>Rabbit mAb [PSH06-25]                | HA722657      | Human, Mouse, Rat | WB,IHC-P,IF-Cell,FC                  |
| Cell<br>treatment | Phospho-p38 alpha (T180 + Y182)<br>Recombinant Rabbit mAb [PSH06-35]         | HA722669      | Human, Mouse, Rat | WB,IF-Cell,FC                        |
| Cell<br>treatment | Phospho-p38 (T180) Rabbit pAb  | ER2001-<br>51 | Human, Mouse, Rat | WB                                   |
| Cell<br>treatment | Phospho-p38 (T180) Recombinant<br>Rabbit mAb [JE77-37]                       | HA722150      | Human, Mouse, Rat | WB,IF-Cell,IHC-P                     |
| Cell<br>treatment | Phospho-p38 (T180 + Y182) Rabbit pAb   | ER2001-<br>52 | Human, Mouse, Rat | WB                                   |
|                   | Phospho-p38 (T180 + Y182) Rabbit pAb   | ER1903-<br>01 | Human, Mouse, Rat | WB,IHC-P,IF-Tissue,FC                |
| Cell<br>treatment | Phospho-p53 (S15) Recombinant Rabbit mAb [PSH01-98]                          | HA721756      | Human             | WB,IF-Cell                           |
| Cell<br>treatment | Phospho-p53 (S20) Recombinant Rabbit mAb [PSH06-86]                          | HA722761      | Human             | WB                                   |
| Cell<br>treatment | Phospho-p53 (S33) Recombinant Rabbit mAb [JE41-97]                           | HA722703      | Human, Mouse, Rat | WB,IF-Cell,IHC-P                     |
| Cell<br>treatment | Phospho-p53 (S376) Recombinant<br>Rabbit mAb [ST0440]                        | ET1609-<br>14 | Human, Mouse      | WB                                   |
| Cell<br>treatment | Phospho-p53 (S392) Recombinant<br>Rabbit mAb [SI17-04]                       | ET1606-<br>24 | Human, Mouse, Rat | WB,IHC-P,IP                          |
| Cell<br>treatment | Phospho-p53 (T55) Recombinant Rabbit mAb [ST0439]                            | ET1609-<br>13 | Human             | WB,IHC-P                             |
|                   | Phospho-p70 S6 Kinase (S434) Mouse mAb [2G1]                                 | RT1456        | Human, Mouse, Rat | WB,IP,IF,IHC-P                       |
| Cell<br>treatment | Phospho-p70 S6 Kinase (T389)<br>Recombinant Rabbit mAb [PSH02-23]            | HA721803      | Human, Mouse, Rat | WB,IF-Cell,IHC-P                     |
| Cell<br>treatment | Phospho-p95/NBS1 (S343) Recombinant Rabbit mAb [SY0215]                      | ET1607-5      | Human, Mouse      | WB,IF-Tissue,IHC-P,IP                |
|                   | Phospho-PAK1 (S144)+PAK2 (S141)+PAK3 (S139) Recombinant Rabbit mAb [SU03-70] | ET1608-<br>58 | Human, Mouse, Rat | WB,IF-Cell,IF-<br>Tissue,IHC-P,FC,IP |
| Cell<br>treatment | Phospho-PAK4+PAK5+PAK6 (S474 + S560 + S602) Recombinant Rabbit mAb [JE57-42] | HA722146      | Human             | WB                                   |
| Cell<br>treatment | Phospho-Paxillin (Y118) Recombinant<br>Rabbit mAb [JE09-10]                  | HA722526      | Human             | WB                                   |

| Cell<br>treatment | Phospho-PDGFR beta (Y1009)<br>Recombinant Rabbit mAb [JE46-72]                                 | HA721736      | Human, Mouse, Rat         | WB   |
|-------------------|--|---------------|---------------------------|--|
| Cell<br>treatment | Phospho-PDGFR beta (Y1021)<br>Recombinant Rabbit mAb [JE48-54]                                 | HA721833      | Mouse, Rat, Human         | WB   |
| Cell<br>treatment | Phospho-PDGFR beta (Y740)<br>Recombinant Rabbit mAb [SN0646]                                   | ET1611-<br>29 | Human, Mouse, Rat         | WB,IF-Cell,IF-Tissue                       |
| Cell<br>treatment | Phospho-PDGFR beta (Y751)<br>Recombinant Rabbit mAb [PSH13-61]                                 | HA723550      | Mouse, Rat, Human         | WB   |
| Cell<br>treatment | Phospho-PDHA1 (S293) Recombinant<br>Rabbit mAb [JE58-27]                                       | HA721443      | Human, Mouse, Rat         | WB,ICC,IHC-P                               |
| Cell<br>treatment | Phospho-Phospholamban (S16)<br>Recombinant Rabbit mAb [JE47-45]                                | HA722291      | Mouse, Rat                | WB   |
| Cell<br>treatment | Phospho-PI3K p85 (Y467) + PI3K p55 (Y199) Recombinant Rabbit mAb [PSH01-39]                    | HA721673      | Human, Mouse              | WB,IF-Cell                                 |
| Cell<br>treatment | Phospho-PI3K p85 (Y467) + PI3K p55 (Y199) Recombinant Rabbit mAb [PSH01-38]                    | HA721672      | Human, Mouse              | WB,IF-Cell                                 |
| Cell<br>treatment | Phospho-PKA alpha/beta/gamma<br>(catalytic subunit) (T197) Recombinant<br>Rabbit mAb [JE45-17] | HA721864      | Human, Mouse, Rat         | WB   |
| Cell<br>treatment | Phospho-PKA R2 (S99) Recombinant<br>Rabbit mAb [SC54-04]                                       | ET1610-<br>29 | Human, Mouse, Rat,<br>Pig | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP,FC       |
| Cell<br>treatment | Phospho-PKC alpha/beta II (T638/T641)<br>Recombinant Rabbit mAb [PSH15-91]                     | HA723796      | Human, Mouse, Rat         | WB,IF-Cell,Dot Blot                        |
| Cell<br>treatment | Phospho-PKC alpha/beta II (T638/T641)<br>Recombinant Rabbit mAb [PSH16-27]                     | HA723825      | Human, Mouse, Rat         | WB,IHC-P,IF-<br>Cell,FC,Dot Blot           |
| Cell<br>treatment | Phospho-PKC alpha (T497) Recombinant<br>Rabbit mAb [JE44-81]                                   | HA722278      | Human, Mouse, Rat         | WB,IF-Cell,FC                              |
| Cell<br>treatment | Phospho-PKC alpha (T638) Recombinant Rabbit mAb [JF0964]                                       | ET1702-<br>17 | Human, Mouse, Rat         | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP,Dot Blot |
| Cell<br>treatment | Phospho-PKC delta (Y311) Recombinant<br>Rabbit mAb [JE44-20]                                   | HA722458      | Human, Mouse, Rat         | WB   |
| Cell<br>treatment | Phospho-PKC (S729) Recombinant<br>Rabbit mAb [JE77-54]   | HA722846      | Human, Mouse, Rat         | WB,IHC-P                                   |
| Cell<br>treatment | Phospho-PKC zeta (T560) Recombinant<br>Rabbit mAb [SN0753]                                     | ET1611-<br>78 | Human, Mouse, Rat         | WB,IHC-P                                   |
| Cell<br>treatment | Phospho-PKR (T446) Recombinant<br>Rabbit mAb [SY230]   | ET1607-<br>20 | Human                     | WB,IHC-P,IP,IF-Cell                        |
| Cell<br>treatment | Phospho-PKR (T451) Recombinant<br>Rabbit mAb [JE46-70]   | HA722067      | Human                     | WB,FC,IF-Cell                              |
| Cell<br>treatment | Phospho-PLC-gamma-1 (S1248)<br>Recombinant Rabbit mAb [PSH13-62]                               | HA723551      | Human                     | WB,IP                                      |
| Cell<br>treatment | Phospho-PLC-gamma-1 (Y783)<br>Recombinant Rabbit mAb [PSH06-29]                                | HA722661      | Human, Mouse, Rat         | WB   |
|                   |  |               |                           |  |

| Phospho-PLK1 (T210) Recombinant Rabbit mAb [JJ20-58]           | ET1701-<br>33   | Human, Mouse   | WB,IF-Cell,IF-<br>Tissue,FC,IHC-P  |
|--|---|--|--|
| Phospho-POLR2A (S2) Recombinant<br>Rabbit mAb [JM11-51]        | ET1703-<br>86   | Human, Mouse, Rat  | WB,IP,IF-Cell,IF-<br>Tissue,IHC-P,FC   |
| Phospho-POLR2A (S5) Recombinant Rabbit mAb [JM51-21]           | ET1703-<br>87   | Human, Mouse, Rat  | WB,IP,IF-Cell,IF-<br>Tissue,IHC-P,FC   |
| Phospho-PP2A (Y307) Recombinant Rabbit mAb [ST49-05]           | ET1609-<br>40   | Human, Mouse, Rat  | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP  |
| Phospho-PPP1CA (T320) Recombinant<br>Rabbit mAb [PSH10-27]     | HA723194  | Human, Mouse, Rat  | WB,IHC-P,IP  |
| Phospho-PRAS40 (T246) Recombinant<br>Rabbit mAb [JE53-94]      | HA721790  | Human, Mouse, Rat  | WB   |
| Phospho-PTEN (S380) Recombinant<br>Rabbit mAb [JJ08-81]        | ET1701-<br>46   | Human, Mouse, Rat  | WB,IF-Cell   |
| Phospho-Rac1+Cdc42 (S71)<br>Recombinant Rabbit mAb [JJ086-9]   | ET1701-<br>40   | Human  | WB,IF-Cell,IHC-P   |
| Phospho-Rad17 (S656) Recombinant<br>Rabbit mAb [JE63-30]       | HA722148  | Human, Mouse   | WB,IF-Cell,FC  |
| Phospho-Raf1 (S259) Recombinant<br>Rabbit mAb [SD85-07]        | ET1612-<br>87   | Human, Mouse, Rat  | WB,IHC-P,IF-Cell,FC  |
| Phospho-Raf1 (S43) Recombinant Rabbit nAb [SD087-05]           | ET1612-<br>75   | Human, Mouse, Rat  | WB   |
| Phospho-Raf1 (S621) Recombinant<br>Rabbit mAb [JJ085-05]       | ET1701-3  | Human, Rat, Mouse  | WB,IHC-P   |
| Phospho-Rb (S608) Recombinant Rabbit nAb [PSH11-04]            | HA723271  | Human, Monkey  | WB   |
| Phospho-Rb (S780) Recombinant Rabbit nAb [JE44-61]             | HA721513  | Human, Mouse, Rat  | WB   |
| Phospho-Rb (S795) Recombinant Rabbit nAb [PSH06-89]            | HA722764  | Human  | WB,IF-Cell   |
| Phospho-Rb (S807) Recombinant Rabbit nAb [SR3-82]              | ET1602-<br>36   | Human, Mouse, Rat  | WB,IF-Cell,IF-<br>Tissue,IHC-P   |
| Phospho-Rb (S807/S811) Recombinant<br>Rabbit mAb [PSH11-01]    | HA723268  | Human, Mouse   | WB,IHC-P,IF-Cell,FC,IP   |
| Phospho-RICTOR (T1135) Recombinant<br>Rabbit mAb [PSH09-92]    | HA723161  | Human, Mouse   | WB   |
| Phospho-RIP3 (S232) Recombinant<br>Rabbit mAb [JE44-62]        | HA721428  | Mouse, Rat   | WB,IF-Cell   |
| Phospho-RPA32/RPA2 (T21) Recombinant Rabbit mAb [SN06-36]      | ET1611-<br>18   | Human, Mouse, Rat  | WB,IP,IF-Cell  |
| Phospho-RPS6 (S235 + S236)<br>Recombinant Rabbit mAb [PS01-04] | HA721275  | Human, Mouse, Rat  | WB,IHC-P,IF-Cell   |
|  |   |  |  |
|  | abbit mAb [JJ20-58] hospho-POLR2A (S2) Recombinant abbit mAb [JM11-51] hospho-POLR2A (S5) Recombinant abbit mAb [JM51-21] hospho-PP2A (Y307) Recombinant abbit mAb [ST49-05] hospho-PPP1CA (T320) Recombinant abbit mAb [PSH10-27] hospho-PRAS40 (T246) Recombinant abbit mAb [JE53-94] hospho-PTEN (S380) Recombinant abbit mAb [JJ08-81] hospho-Rac1+Cdc42 (S71) ecombinant Rabbit mAb [JJ08-81] hospho-Rad17 (S656) Recombinant abbit mAb [JE63-30] hospho-Raf1 (S259) Recombinant abbit mAb [SD85-07] hospho-Raf1 (S43) Recombinant Rabbit mAb [SD087-05] hospho-Raf1 (S621) Recombinant abbit mAb [JJ085-05] hospho-Rb (S608) Recombinant Rabbit mAb [PSH11-04] hospho-Rb (S780) Recombinant Rabbit mAb [JE44-61] hospho-Rb (S795) Recombinant Rabbit mAb [PSH06-89] hospho-Rb (S807) Recombinant Rabbit mAb [PSH06-92] hospho-Rl (S807) Recombinant Rabbit mAb [PSH09-92] hospho-Rl (S807) Recombinant Rabbit mAb [PSH09-92] hospho-RlP3 (S232) Recombinant abbit mAb [PSH09-92] hospho-RPA32/RPA2 (T21) ecombinant Rabbit mAb [SN06-36] hospho-RPS6 (S235 + S236) | abbit mAb [JJ20-58]  abbit mAb [JJ20-58]  hospho-POLR2A (S2) Recombinant abbit mAb [JM11-51]  hospho-POLR2A (S5) Recombinant abbit mAb [JM51-21]  hospho-PP2A (Y307) Recombinant abbit mAb [ST49-05]  hospho-PP1CA (T320) Recombinant abbit mAb [PSH10-27]  hospho-PRAS40 (T246) Recombinant abbit mAb [JE53-94]  hospho-PTEN (S380) Recombinant abbit mAb [JJ08-81]  hospho-Rac1+Cdc42 (S71) ET1701-40  hospho-Rad17 (S656) Recombinant abbit mAb [JE63-30]  hospho-Raf1 (S259) Recombinant abbit mAb [SD85-07]  hospho-Raf1 (S43) Recombinant abbit mAb [JJ088-05]  hospho-Raf1 (S621) Recombinant abbit mAb [JJ085-05]  hospho-Rb (S608) Recombinant abbit mAb [JJ085-05]  hospho-Rb (S780) Recombinant Rabbit Ab [PSH11-04]  hospho-Rb (S795) Recombinant Rabbit Ab [PSH06-89]  hospho-Rb (S807) Recombinant Rabbit Ab [PSH06-89]  hospho-Rb (S807) Recombinant Rabbit mAb [PSH06-89]  hospho-Rb (S807) Recombinant Rabbit Ab [PSH06-89]  hospho-Ri (S807) Recombinant Rabbit mAb [PSH06-99]  hospho-Ri (S807) Recombinant Rabbit mAb [PSH09-92]  hospho-Ri (S807) Recombinant Rabbit mAb [PSH09-92] | abbit mAb [JJ20-58]  hospho-POLR2A (S2) Recombinant abbit mAb [JM11-51]  hospho-POLR2A (S5) Recombinant abbit mAb [JM51-21]  hospho-POLR2A (S30) Recombinant abbit mAb [JM51-21]  hospho-PP2A (Y307) Recombinant abbit mAb [S149-05]  hospho-PP2A (Y307) Recombinant abbit mAb [S149-05]  hospho-PP1CA (T320) Recombinant abbit mAb [PSH10-27]  hospho-PRAS40 (T246) Recombinant abbit mAb [JE53-94]  hospho-PRAS40 (T246) Recombinant abbit mAb [JJ08-81]  hospho-PTEN (S380) Recombinant abbit mAb [JJ08-81]  hospho-Rac1+Cdc42 (S71)  ecombinant Rabbit mAb [JJ08-9]  hospho-Rad17 (S656) Recombinant abbit mAb [JE63-30]  hospho-Rad17 (S659) Recombinant abbit mAb [SD85-07]  hospho-Raf1 (S43) Recombinant Rabbit [ET1612-75]  hospho-Raf1 (S621) Recombinant abbit mAb [JJ085-05]  hospho-Raf1 (S621) Recombinant Rabbit mAb [JJ085-05]  hospho-Rb (S608) Recombinant Rabbit mAb [JS087-05]  hospho-Rb (S608) Recombinant Rabbit mAb [JS087-05]  hospho-Rb (S780) Recombinant Rabbit hospho-Rb (S780) Recombinant Rabbit mAb [JE44-61]  hospho-Rb (S807) Recombinant Rabbit hospho-Rb (S795) Recombinant Rabbit mAb [PSH11-04]  hospho-Rb (S807) Recombinant Rabbit hospho-Rb (S807) Recombinant Rabbit mAb [PSH10-1]  hospho-Rb (S807) Recombinant Rabbit hospho-Rb (S807) Recombinant Rabbit mAb [PSH10-1]  hospho-Rb (S807) Recombinant Rabbit hospho-Rb (S807) Recombinant Rabbit mAb [PSH09-92]  hospho-Rl (S807) Recombinant Rabbit mAb [Rl (Rl (Rl (Rl (Rl (Rl ( |

|  | Phospho-RSK1 p90 (T359 + S363)<br>Recombinant Rabbit mAb [SU03-65]     | ET1608-<br>53 | Human, Mouse, Rat            | WB,IF-Cell,IHC-P,IP               |
|--|--|---------------|------------------------------|-----------------------------------|
| Cell<br>treatment                            | Phospho-RSK1 p90 (T573) Recombinant<br>Rabbit mAb [JE50-12]            | HA721793      | Human, Mouse, Rat            | WB                                |
| Cell<br>treatment                            | Phospho-RSK1 (S380) Recombinant<br>Rabbit mAb [SC05-32]                | ET1610-<br>28 | Human, Mouse, Rat            | WB,IF-Cell,IF-Tissue,IP           |
|  | Phospho-SHIP (Y1020) Recombinant<br>Rabbit mAb [JJ082-03]              | ET1701-5      | Human                        | WB,IF-Cell,IP                     |
| Cell<br>treatment                            | Phospho-SHP2 (Y542) Recombinant<br>Rabbit mAb [SN61-01]                | ET1611-<br>22 | Mouse, Human                 | WB,IP                             |
| Cell<br>treatment                            | Phospho-SIRT1 (S47) Recombinant<br>Rabbit mAb [SN06-40]                | ET1611-<br>31 | Human                        | WB,IF-Cell,IHC-P                  |
|  | Phospho-SIRT1 (T530) Recombinant<br>Rabbit mAb [JJ206-6]               | ET1701-<br>27 | Human                        | WB,IF-Cell,IF-<br>Tissue,IHC-P,FC |
| Cell<br>treatment                            | Phospho-Smad1/5/9 (S463/S465/S467)<br>Recombinant Rabbit mAb [JE59-46] | HA722566      | Human, Mouse, Rat            | WB,IHC,IF-Cell                    |
| Cell<br>treatment                            | Phospho-Smad2 (S250) Recombinant<br>Rabbit mAb [SD207-1]               | ET1612-<br>32 | Human, Mouse, Rat            | WB,FC,IP,IHC-P                    |
| Cell<br>treatment                            | Phospho-Smad2 (S255) Recombinant<br>Rabbit mAb [JF0882]                | ET1702-<br>34 | Human, Mouse, Rat            | WB,IHC-P,IP                       |
| Cell<br>treatment                            | Phospho-SMAD2 (S465+467)<br>Recombinant Rabbit mAb [PSH05-76]          | HA722443      | Human, Mouse, Rat            | WB,IF-Cell,IHC-P                  |
| Cell<br>treatment                            | Phospho-Smad3 (S423 + S425)<br>Recombinant Rabbit mAb [ST0493]         | ET1609-<br>41 | Human, Mouse                 | WB,IF-Cell,IF-<br>Tissue,IHC-P    |
| Cell<br>treatment                            | Phospho-Smad5 (S463 + S465)<br>Recombinant Rabbit mAb [SY09-03]        | ET1605-5      | Human, Mouse, Rat            | WB,IF-Cell,IHC-P                  |
| Cell<br>treatment                            | Phospho-SMC1 (S957) Recombinant<br>Rabbit mAb [SC65-03]                | ET1610-<br>55 | Human                        | WB,IHC-P,IF-Cell                  |
| Cell<br>treatment                            | Phospho-Src (S17) Recombinant Rabbit mAb [PSH11-03]                    | HA723270      | Human, Mouse, Rat,<br>Monkey | WB,IF-Cell,IHC-P,FC,IP            |
| Cell<br>treatment                            | Phospho-Src (Y419) Recombinant Rabbit mAb [ST0800]                     | ET1609-<br>15 | Human, Mouse, Rat            | WB,FC,IF-Cell                     |
| Cell<br>treatment,<br>Relative<br>expression | Phospho-STAT1 (S727) Recombinant<br>Rabbit mAb [SN67-04]               | ET1611-<br>20 | Human, Mouse, Rat            | WB,IHC-P,IF-Cell,FC               |
| Cell<br>treatment                            | Phospho-STAT1 (Y701) Recombinant<br>Rabbit mAb [PSH04-02]              | HA722083      | Human                        | WB,IF-Cell                        |
| Cell<br>treatment,<br>KD                     | Phospho-STAT3 (S727) Recombinant<br>Rabbit mAb [SY24-09]               | ET1607-<br>39 | Human, Rat, Mouse            | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP |
| Cell<br>treatment                            | Phospho-STAT3 (Y705) Recombinant<br>Rabbit mAb [SZ43-01]               | ET1603-<br>40 | Human, Mouse, Rat            | WB,IHC-P,IP                       |
|  | Phospho-STAT4 (Y693) Rabbit pAb  | ER1919-<br>55 | Human, Mouse, Rat            | WB,IHC-P                          |

| Cell<br>treatment | Phospho-STAT5 (Y694) Recombinant Rabbit mAb [SC05-31]          | ET1610-<br>48 | Human, Rat, Mouse                               | WB,IHC-P,IF-Cell                      |
|-------------------|--|---------------|---|---------------------------------------|
| Cell<br>treatment | Phospho-STAT6 (Y641) Recombinant<br>Rabbit mAb [PSH06-98]      | HA722776      | Human, Mouse                                    | WB                                    |
| Cell<br>treatment | Phospho-STING (S366) Recombinant<br>Rabbit mAb [PSH09-72]      | HA723137      | Human   | WB,Dot Blot,IP                        |
| Cell<br>treatment | Phospho-Syk (Y352) Recombinant<br>Rabbit mAb [PSH11-66]        | HA723362      | Human   | WB,IF-Cell,FC                         |
| Cell<br>treatment | Phospho-Syk (Y525 + Y526)<br>Recombinant Rabbit mAb [PSH03-70] | HA722034      | Human   | WB,IF-Cell                            |
|                   | Phospho-Synapsin I (S9) Recombinant<br>Rabbit mAb [SN63-04]    | ET1611-<br>26 | Mouse, Rat, Human                               | WB,IHC-P                              |
| Cell<br>treatment | Phospho-TAK1 (S412) Recombinant<br>Rabbit mAb [PSH14-64]       | HA723662      | Human, Mouse, Rat                               | WB,FC                                 |
| Cell<br>treatment | Phospho-TAK1 (S439) Recombinant<br>Rabbit mAb [JE44-93]        | HA722242      | Human, Mouse, Rat                               | WB                                    |
| Cell<br>treatment | Phospho-Tau (S198) Recombinant<br>Rabbit mAb [JE66-79]         | HA721668      | Human, Mouse, Rat                               | WB                                    |
| Cell<br>treatment | Phospho-Tau (S199) Recombinant<br>Rabbit mAb [JE46-95]         | HA721800      | Human, Mouse, Rat                               | WB                                    |
| Cell<br>treatment | Phospho-Tau (S199) Recombinant<br>Rabbit mAb [JE66-80]         | HA721667      | Human, Mouse, Rat                               | WB                                    |
| Cell<br>treatment | Phospho-Tau (S202) Recombinant<br>Rabbit mAb [JE66-81]         | HA721666      | Human, Mouse, Rat                               | WB                                    |
| Cell<br>treatment | Phospho-Tau (S214) Recombinant<br>Rabbit mAb [JE66-83]         | HA721797      | Human, Mouse, Rat                               | WB                                    |
| Cell<br>treatment | Phospho-Tau (S324) Recombinant<br>Rabbit mAb [JE30-73]         | HA721798      | Human, Mouse, Rat                               | WB                                    |
| Cell<br>treatment | Phospho-Tau (S356) Recombinant<br>Rabbit mAb [JE46-86]         | HA721799      | Human, Mouse, Rat                               | WB                                    |
| Cell<br>treatment | Phospho-Tau (S396) Recombinant<br>Rabbit mAb [SN62-09]         | ET1611-<br>68 | Mouse, Rat, Human,<br>Cynomolgus<br>monkey, Pig | WB,IF-Cell,IF-<br>Tissue,IHC-P,IHC-Fr |
| Cell treatment    | Phospho-Tau (S404) Recombinant<br>Rabbit mAb [JE66-82]         | HA721665      | Human, Mouse, Rat                               | WB,IHC                                |
| Cell<br>treatment | Phospho-Tau (S404) Recombinant<br>Rabbit mAb [JE47-88]         | HA721801      | Human, Mouse, Rat                               | WB,IHC-P                              |
| Cell<br>treatment | Phospho-Tau (T181) Recombinant<br>Rabbit mAb [PSH05-42]        | HA722271      | Human, Mouse,<br>Cynomolgus monkey              | WB,IHC-P                              |
| Cell<br>treatment | Phospho-Tau (T217) Recombinant<br>Rabbit mAb [PSH09-33]        | HA723091      | Human, Mouse, Rat                               | WB,IF-Cell,IHC-P,IHC-<br>Fr           |
| Cell<br>treatment | Phospho-Tau (T231) Recombinant<br>Rabbit mAb [SC58-08]         | ET1610-<br>31 | Human, Mouse, Rat,<br>Cynomolgus<br>monkey, Pig | WB,IHC-P,IP,IF-<br>Tissue,IHC-Fr      |

|                     | Phospho-Tau (T231) Recombinant<br>Rabbit mAb [PSH01-04]       | HA721570      | Human, Mouse, Rat                         | WB,IHC-P,IF-Tissue                |
|---------------------|---|---------------|---|-----------------------------------|
|                     | Phospho-Tau (T231) Recombinant<br>Rabbit mAb [PSH01-05]       | HA721569      | Human, Mouse, Rat                         | WB,IHC-P                          |
| Cell<br>treatment   | Phosphothreonine Recombinant Rabbit mAb [PSH14-34]            | HA723628      | Human, Mouse, Rat,<br>Species independent | WB,IHC-P,IF-<br>Cell,IP,ELISA     |
| Relative expression | Phospho-TrkB (Y817) Recombinant<br>Rabbit mAb [SC0556]        | ET1610-<br>35 | Human, Mouse, Rat                         | WB,IF-Cell,IF-<br>Tissue,IHC-P,IP |
| Cell<br>treatment   | Phospho-Tuberin (S939) Recombinant<br>Rabbit mAb [JE54-06]    | HA721762      | Human, Mouse                              | WB                                |
| Cell<br>treatment   | Phospho-Tuberin (T1462) Recombinant Rabbit mAb [JE43-81]      | HA721792      | Human, Mouse, Rat                         | WB                                |
| Cell<br>treatment   | Phospho-UBF1 (S484) Recombinant<br>Rabbit mAb [JE77-43]       | HA722477      | Human, Mouse, Rat                         | WB,IHC-P                          |
| Cell<br>treatment   | Phospho-ULK1 (S556) Recombinant<br>Rabbit mAb [JE59-28]       | HA721445      | Human, Mouse                              | WB                                |
| Cell<br>treatment   | Phospho-VASP (S156) Recombinant<br>Rabbit mAb [JE45-91]       | HA722145      | Human, Mouse, Rat                         | WB,IF-Cell,IHC-P                  |
| Cell<br>treatment   | Phospho-Vimentin (S39) Recombinant Rabbit mAb [JE43-26]       | HA721442      | Human, Mouse, Rat                         | WB,IF-Cell                        |
|                     | Phospho-V-Myb+C-Myb (S11)<br>Recombinant Rabbit mAb [SZ04-81] | ET1603-<br>41 | Human                                     | IF-Cell,IF-Tissue,IHC-P           |
| Cell<br>treatment   | Phospho-YAP1 (S127) Recombinant<br>Rabbit mAb [SN0718]        | ET1611-<br>69 | Human, Mouse, Rat                         | WB,IHC-P,IF-Tissue                |
|                     | RIP140 (Acetyl K158) Rabbit pAb                               | ER60057       | Human, Mouse, Rat                         | WB                                |
|                     | Smad2/3 (Acetyl K19) Rabbit pAb                               | ER60061       | Human, Mouse, Rat                         | IHC-P,WB                          |
|                     | SOD2 (acetyl K68) Recombinant Rabbit mAb [JE62-28]            | HA722463      | Human, Mouse, Rat                         | WB,IHC-P                          |