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杭州华安生物技术有限公司

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类器官研究

Organoid Research

- 高特异性、高灵敏度的抗体
 - 稳定的产品质量与技术支持
 - 针对类器官研究的定制化解决方案
- 让研究变得简单



类器官（Organoids）指利用成体干细胞或多能干细胞进行体外三维（3D）培养而形成的具有一定空间结构的组织类似物。类器官培养需综合考虑细胞来源、培养条件、分化诱导、形态功能评估、污染控制及应用验证等多个方面，以确保培养成功并具备应用价值。

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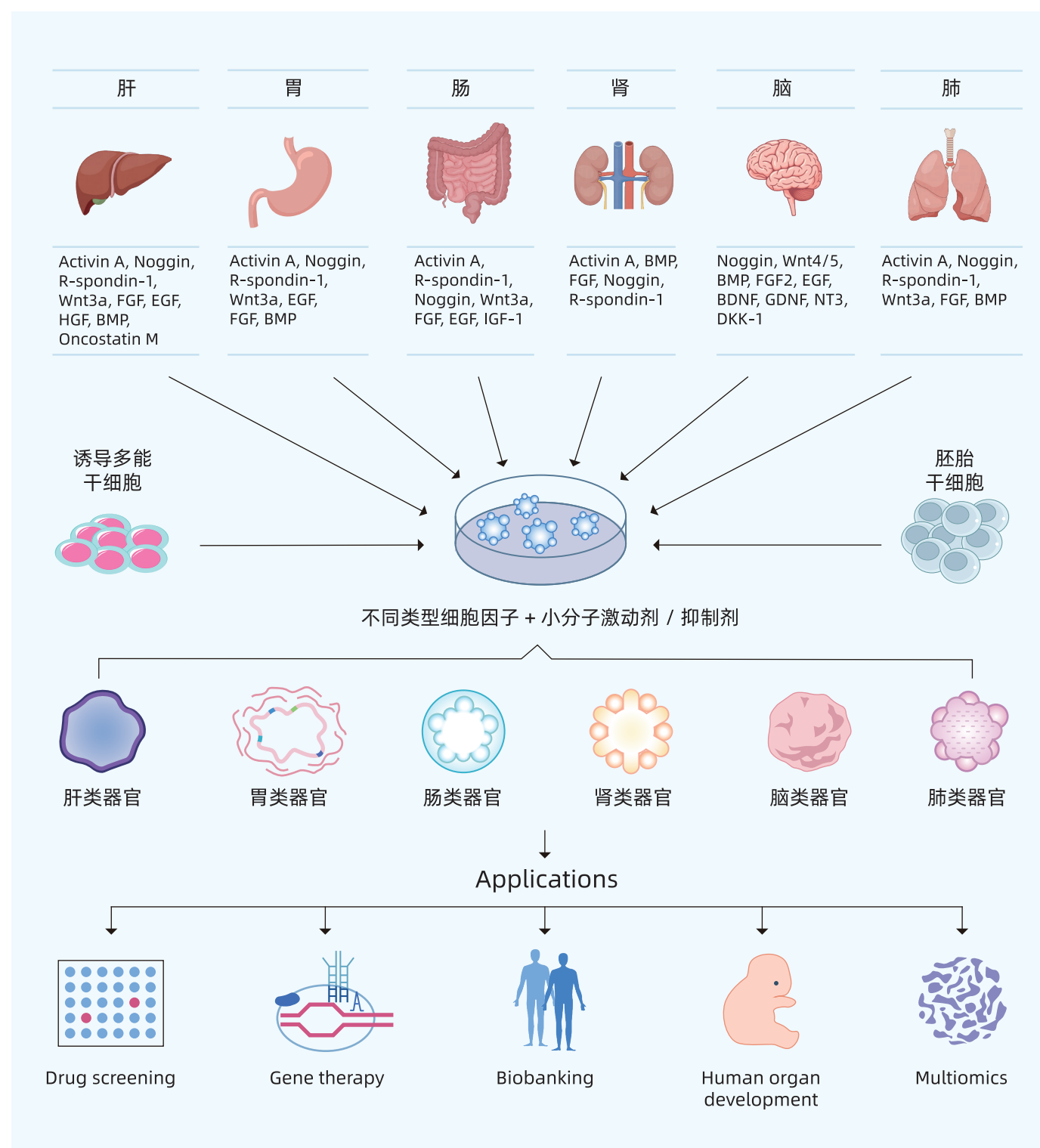
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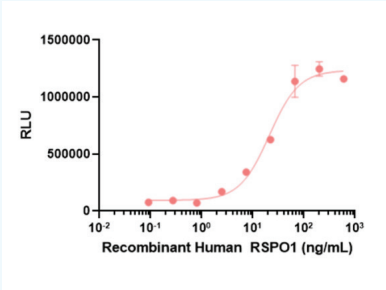
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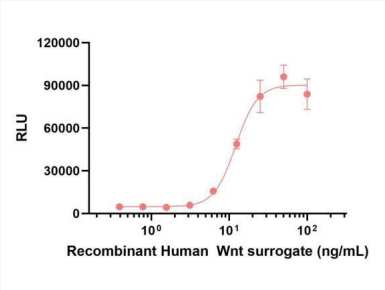


类器官培养因子

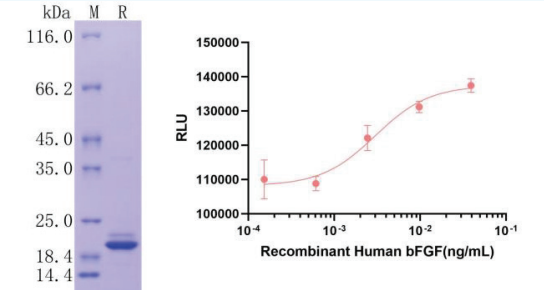
类器官发育与分化的关键调控蛋白	
关键靶标	对类器官功能的调控作用
Wnt	Wnt信号通路在类器官的发育、稳态和功能中起核心作用，影响干细胞的自我更新、分化、形态发生、功能成熟及疾病模型研究。Wnt3a是构建类器官基础培养因子之一。
BMP	BMP信号通路在类器官的发育、稳态和功能中起重要作用，影响干细胞的命运、形态发生、功能成熟及疾病模型研究。体外实验中，BMP-2和BMP-4被广泛应用于诱导多能干细胞(iPSC)和胚胎干细胞(ESC)产生肝细胞。
EGF	EGF信号通路通过调控细胞增殖、干细胞自我更新、分化、功能成熟和组织修复，对类器官的发育和功能维持具有重要影响。EGF是胃肠道、肝脏、甲状腺、脑等类器官培养所需因子。
Noggin	Noggin信号通路通过调控BMP信号，在类器官的干细胞自我更新、分化、形态发生、功能成熟及疾病模型研究中起重要作用。Noggin是构建类器官基础培养因子之一。
R-spondin	在干细胞的自我更新和 Wnt 信号的激活中发挥作用。它能诱导肠隐窝上皮细胞增殖，促进肠上皮愈合，支持肠上皮干细胞更新，是类器官祖干细胞维持和增殖的关键因子。



Human R-spondin-1/RSP01, Tag Free Protein | HA210730
在HEK293T细胞中诱导Topflash报告基因质粒活性，结果显示ED50= 7-60 ng/mL。



Wnt surrogate, Tag Free Protein | HA210783
在HEK293T细胞中诱导Topflash报告基因质粒活性，结果显示ED50= 6-24 ng/mL。



Human FGF2/b-FGF, C-His, Flag Tag Protein | HA210582
左图：SDS-PAGE检测结果显示，蛋白纯度高于95%；
右图：用小鼠胚胎成纤维细胞（NIH/3T3 cells）进行细胞增殖实验，结果显示ED50≤ 0.01 ng/mL。

热销蛋白产品推荐

Product name	Catalog#	Source
Human IL-22, C-His, Flag Tag	HA210691	HEK293
Human EGF, Tag Free	HA210717	HEK293
Human FGF basic Protein	HA210238	E.coli
Human FGF Basic/FGF2, Tag Free	HA210834	E.coli

Product name	Catalog#	Source
Human FGF-4, C-His Tag	HA210946	E.coli
Human IGF1, Tag Free	HA210866	HEK293
Human Noggin/NOG, Tag Free	HA210726	HEK293
Human R-spondin-1/RSP01, Tag Free	HA210730	HEK293
Human FGF10, C-Flag	HA210794	E.coli
Human FGF7, C-Flag Tag	HA210769	E.coli
Human FGF7, Tag Free	HA210829	E.coli
Human DKK1, C-His Tag	HA211040	HEK293
Human FGF19, Tag Free	HA210981	HEK293
Human HGF, Tag Free	HA210913	HEK293
Human Oncostatin M/OSM Protein	HA210087	HEK293
Human Mature TGF beta 1 Protein	HA210007	HEK293
Human CNTF, Tag Free	HA210944	HEK293
Human CXCL12/SDF-1, Tag Free	HA210900	HEK293
Human PDGF-B, Tag Free	HA210859	HEK293
Human NRG1, Tag Free	HA210772	HEK293
Human LIF, C-His Tag	HA210736	HEK293
Human VEGF165, Tag Free	HA210784	HEK293
Human VEGF121, Tag Free	HA210929	HEK293
Mouse IL-22, C-His Tag	HA211016	HEK293
Mouse IGF1, Tag Free	HA210936	HEK293
Mouse PDGFBB, Tag Free	HA211037	HEK293
Mouse LIF, C-His Tag	HA210735	HEK293
Mouse VEGF188, Tag Free	HA210770	HEK293
Mouse VEGF164, Tag Free	HA210780	HEK293
Wnt surrogate, Tag Free	HA210783	HEK293

扫码详见更多
“类器官研究重组蛋白”
产品信息



支原体检测试剂盒

在类器官培养过程中，支原体污染是常见问题，因其难以察觉且影响实验结果。通常使用灵敏度高、特异性强的支原体检测试剂盒监测培养过程中的支原体污染，减少污染风险。

货号	产品名称	应用
K0103	支原体PCR检测试剂盒	PCR
K0105	支原体qPCR检测试剂盒	qPCR

支原体qPCR检测试剂盒 | K0105

MycoHUABIO支原体DNA qPCR检测试剂盒按照EP2.6.7 和 JPXVII 支原体检测相关标准进行验证，可用于检测主细胞库、工作细胞库、临床治疗用细胞和生物制品中的支原体污染。

本试剂盒利用荧光探针法（qPCR技术），参照EP2.6.7 和 JP XVII 支原体检测相关要求验证，具备检测快速和专一性强的特性。

注：本试剂盒仅用于研究，不能用于临床诊断。

应用领域

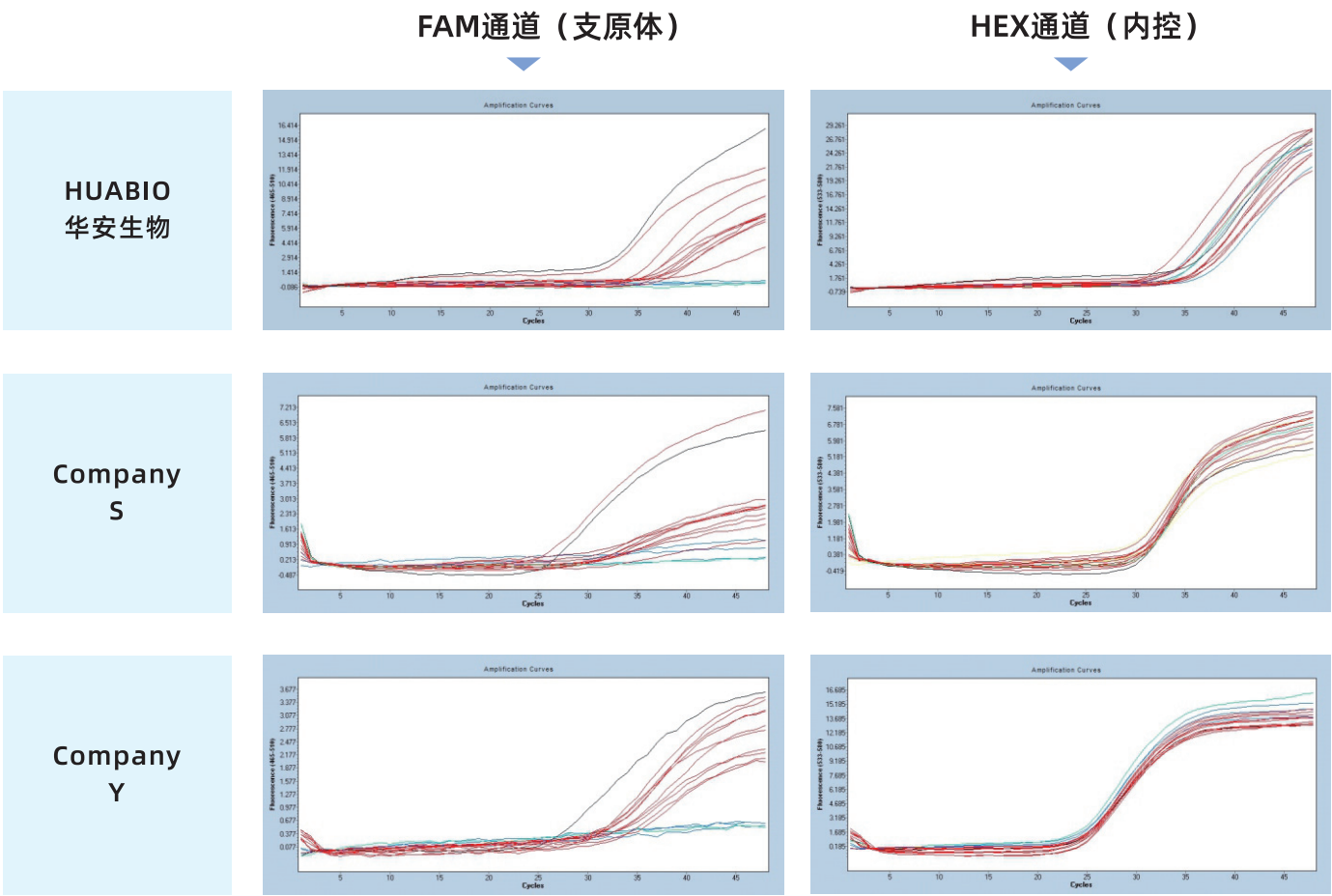
用于检测细胞培养过程中的支原体污染

产品优势

- 1.特异性强、灵敏度高：
- 检出比均大于95%，符合欧洲及日本药典特异性及灵敏度要求
- 2.稳定性高：
- MycoHUABIO支原体DNA检测试剂盒经过5次冻融测试后，试剂盒性能不受影响
- 3.步骤简单、检测快速：
- 2h内可完成检测工作



与竞品比较，HUABIO试剂盒呈现出更优越的灵敏性和特异性：



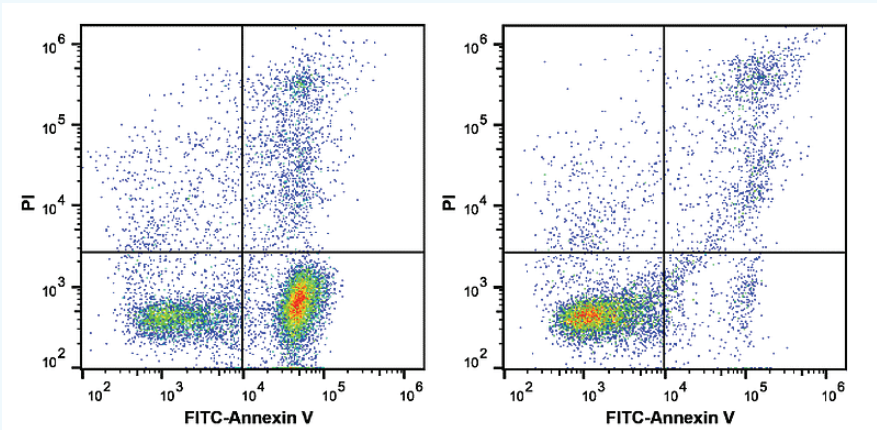
- 黑色样品：阳性对照；
- 红色样品：10CFU/ml支原体标准品（口腔支原体 、鸡毒支原体、莱氏无胆甾原体 、发酵支原体、肺炎支原体、关节液支原体、精氨酸支原体、猪鼻支原体、柠檬螺原体、唾液支原体）；
- 蓝色样品：肺炎链球菌、丙酮丁醇梭菌、嗜酸乳杆菌基因组标准品；
- 绿色样品：阴性对照。

细胞凋亡检测试剂盒

细胞凋亡会显著影响类器官的生长、发育和功能。通常，凋亡水平反映类器官的健康状态和功能完整性，定期和关键节点检测有助于优化培养条件和评估实验效果。

Annexin V-FITC/PI 细胞凋亡检测试剂盒 CAT: APAP-100 (100T) ; APAP-50 (50T)

	APAP-50 50 Test		APAP-100 100 Test	
	Catalog#	Quantity	Catalog#	Quantity
Annexin V	AV-50	250µl	AV-100	500µl
PI	PI-50	500µl	PI-100	1000µl
5 × Binding buffer	BB01	8 ml	BB02	15ml

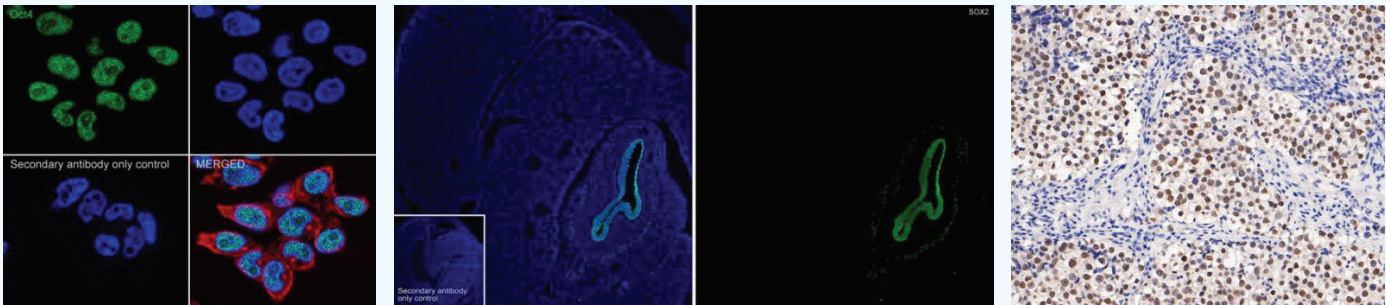


高特异性抗体，助力3D模型突破

高特异性干细胞标记物抗体，确保从多能性到分化潜能的实验结果可靠。

在类器官培养过程中，通常使用高特异性、高灵敏度的抗体标记干细胞的标志物（如OCT4、SOX2、NANOG），以确认干细胞的干性和分化潜能；鉴定类器官中不同细胞类型的特异性标志物（如肠类器官中的LGR5+干细胞、神经元类器官中的TUJ1+神经元）以及通过抗体检测类器官的结构完整性（如紧密连接蛋白ZO-1）和功能成熟度（如肠类器官中的消化酶表达）。

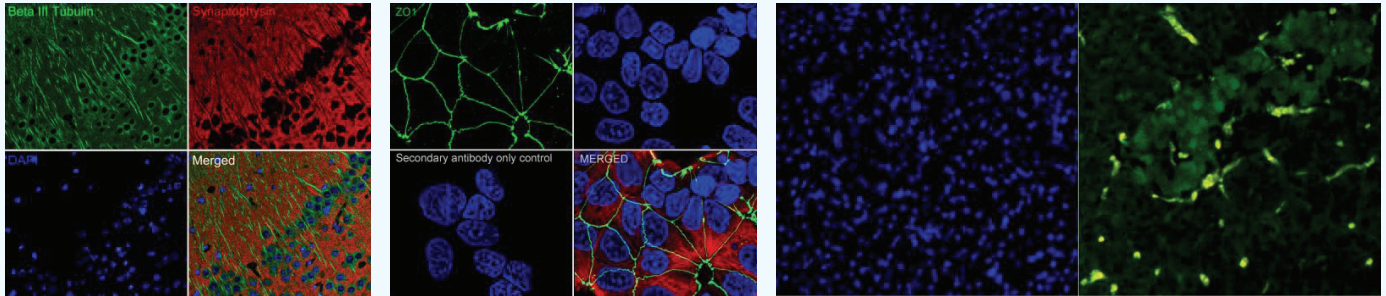
高特异性抗体，助力3D模型突破



Oct4 rabbit mAb | ET1612-20
使用Oct4兔单抗（绿色）对NCCIT细胞进行IF-Cell 分析。
肌动蛋白丝用Beta tubulin（M1305-2，红色）标记。

SOX2 rabbit mAb | HA721155
使用SOX2兔单抗（稀释比1/1,000）对E14.5小鼠胚胎组织进行 IHC-Fr 分析。

Nanog rabbit mAb | ET1610-2
使用Nanog兔单抗对人精原细胞瘤组织进行 IHC-P 分析。



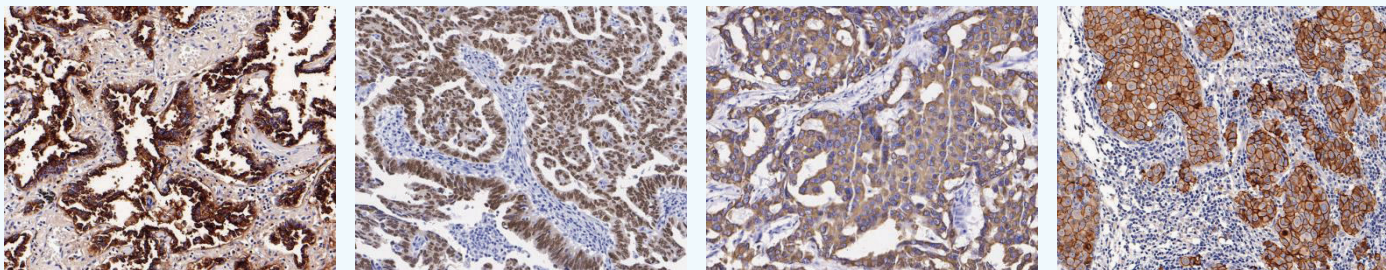
Beta III Tubulin mouse mAb | M0805-8
使用Beta III Tubulin鼠单抗（稀释比1/200，绿色）对小鼠海马组织进行 IF-Tissue 分析。
突触蛋白用Synaptophysin（ET1606-56，红色）标记。

ZO1 rabbit pAb | ER41204
使用ZO1兔多抗（绿色）对MCF7细胞进行 IF-Cell 分析。
肌动蛋白丝用Beta tubulin（M1305-2，红色）标记。

PDX1 rabbit mAb | ET1705-99
使用PDX1兔单抗（绿色）对人胰腺组织进行 IF-Tissue 分析。

高灵敏度肿瘤标记物抗体，支持mIHC分析表征肿瘤类器官微环境

抗体在肿瘤类器官研究中应用广泛，涵盖细胞表型鉴定、信号通路研究、药物筛选、肿瘤微环境研究、肿瘤异质性研究和功能实验验证等多个方面，是研究肿瘤生物学和开发治疗策略的重要工具。

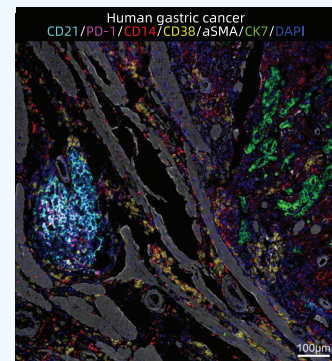


MUC1 rabbit mAb | ET1611-14
使用MUC1兔单抗对人肺癌组织进行 IHC-P 分析。

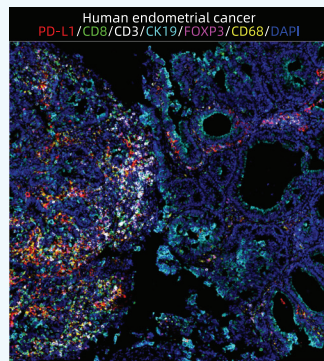
PAX8 rabbit mAb | HA720112
使用PAX8兔单抗对人卵巢癌组织进行 IHC-P 分析。

Cytokeratin 8 rabbit mAb | ET1608-32
使用Cytokeratin 8兔单抗对人乳腺癌组织进行 IHC-P 分析。

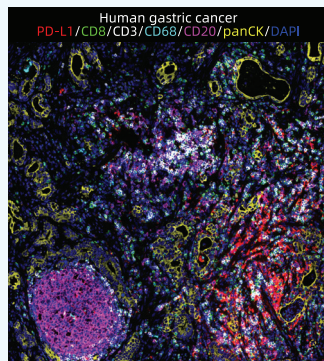
HER2 rabbit mAb | HA721210
使用HER2兔单抗对人乳腺癌组织进行 IHC-P 分析。



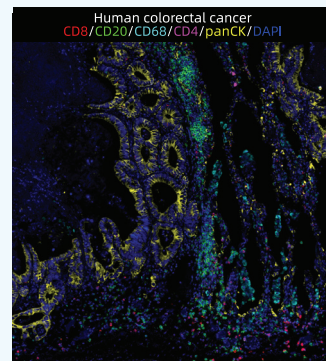
Cytokeratin 7 rabbit mAb | IRS029
使用Cytokeratin 7 mAb抗体（绿色）对人胃癌组织进行 mIHC 分析。
Anti-CD21 (IRS019) ,
Anti-CD14 (IRS015) ,
Anti-CD38 (IRS006) ,
Anti-aSMA (IRS012) 。



CD68 mouse mAb | IRS004
使用CD68 mAb抗体（黄色）对子宫内
膜癌组织进行 mIHC 分析。
Anti-CK19 (IRS011) 。



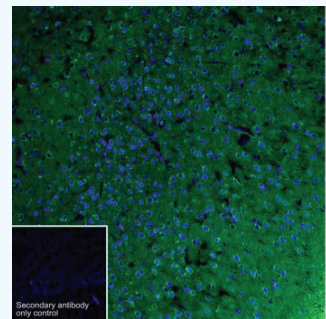
CD20 rabbit mAb | IRS003
使用CD20 mAb抗体（品红色）对人胃癌
组织进行 mIHC 分析。
Anti-CD68 (IRS004) ,
Anti-panCK (IRS010) 。



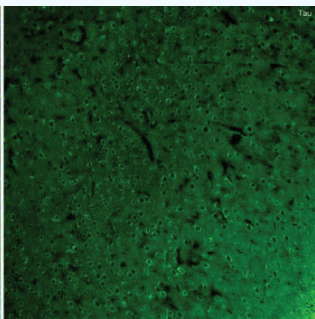
CD4 rabbit mAb | IRS005
使用CD4 mAb抗体（品红色）对人结直肠
癌组织进行 mIHC 分析。
Anti-CD20 (IRS003) ,
Anti-CD68 (IRS004) ,
Anti-panCK (IRS010) 。

精准标记神经退行性疾病类器官中的病理蛋白聚集，助力机制研究。

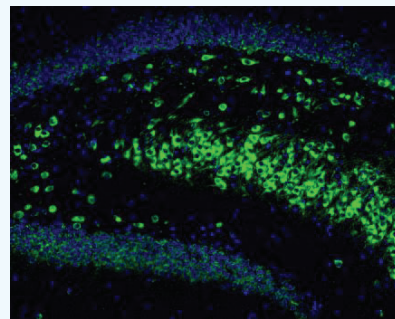
神经类器官在研究神经退行性疾病中应用广泛，为理解和治疗神经退行性疾病提供了有力工具。抗体是研究疾病机制和开发治疗策略的重要工具，涵盖细胞表型鉴定、病理标志物检测、信号通路研究、药物筛选和功能实验验证等多个方面。



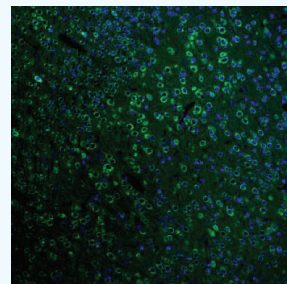
Tau rabbit mAb | ET1612-44
使用Tau单抗（绿色）对小鼠脑组织进行 IHC-Fr 分析。



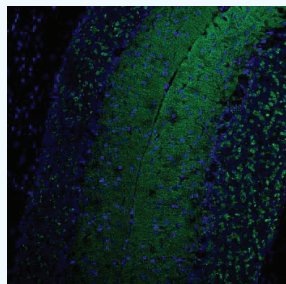
Phospho-Tau (T231) rabbit mAb | ET1610-31
使用Phospho-Tau (T231) 单抗（绿色）对小鼠海马
组织进行 IHC-Fr 分析。



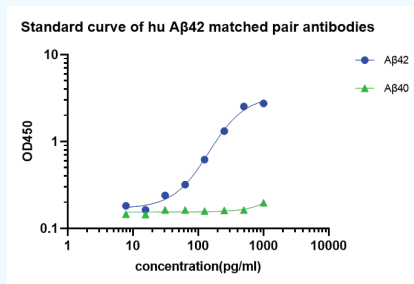
beta Amyloid 1-42 rabbit mAb | HA721789
使用beta Amyloid 1-42单抗对6周龄
APP/ PS1小鼠脑组织进行 IHC-P 分析。



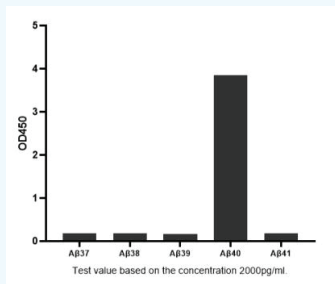
Huntingtin rabbit mAb | ET7107-60
使用Huntingtin单抗（绿色）对小鼠
脑组织进行 IF-Tissue 分析。



Alpha-Synuclein rabbit mAb | HA723035
使用Alpha-Synuclein单抗（绿色）
对大鼠脑组织进行 IHC-Fr 分析。



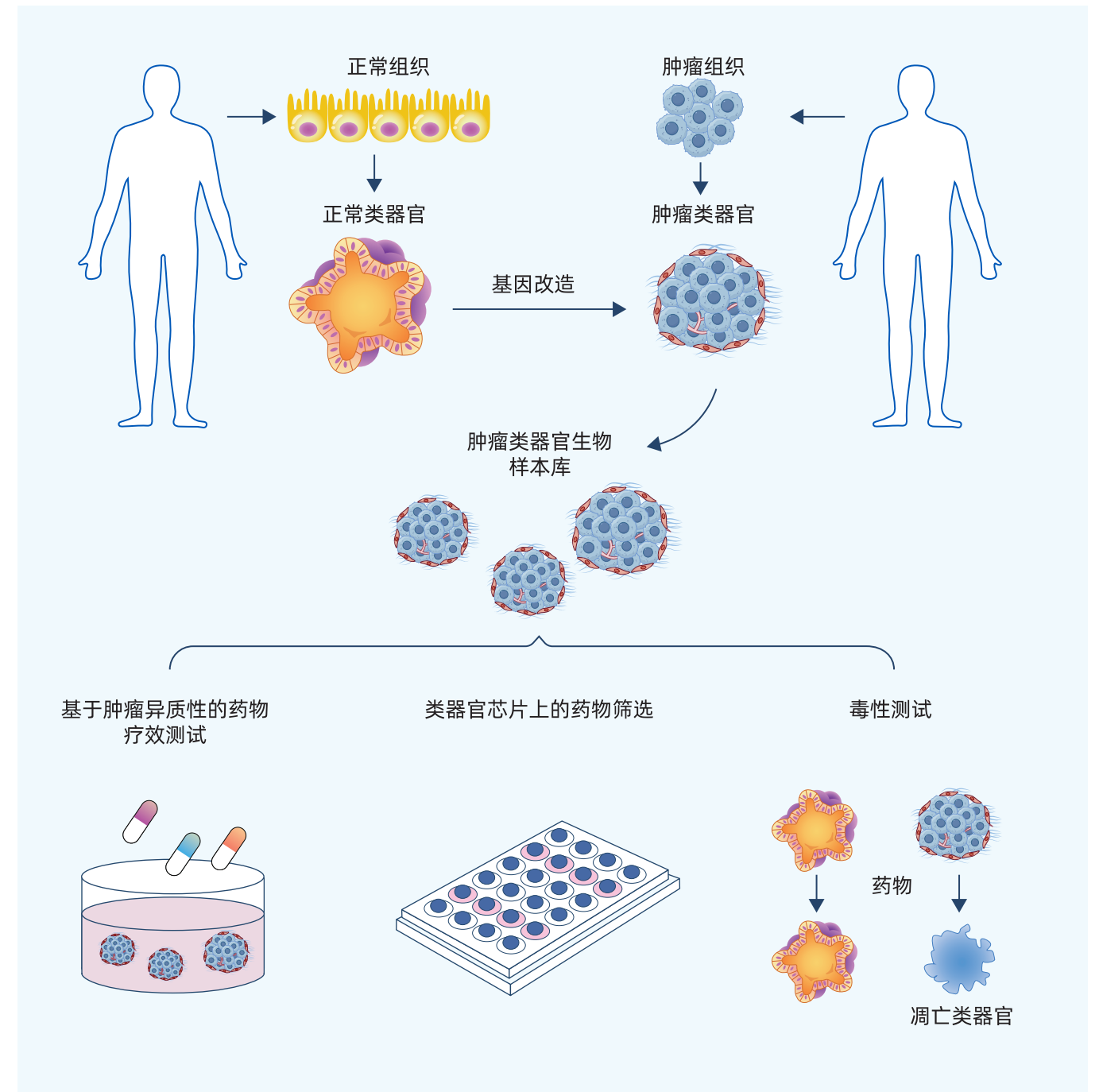
beta Amyloid 1-42 matched antibody pair
(Capture: HA722079; Detector: HA722080)
使用beta Amyloid 1-42配对抗体对Aβ40, Aβ42重组蛋白
进行标准曲线分析。



beta Amyloid 1-40 matched antibody pair
(Capture: HA722077; Detector: HA722078)
使用beta Amyloid 1-40配对抗体对Aβ37,
Aβ38, Aβ39, Aβ40, Aβ41重组蛋白进行
ELISA 分析。

从靶点验证到药效评估，高特异性的抗体助力高效药物筛选，加速药物开发。

类器官在药物筛选中具有重要作用，涵盖模拟体内环境、疾病模型构建、药物筛选和药效评估、毒性测试等多个方面，为药物研发提供了强有力的工具和平台。抗体的高特异、高灵敏度及可重复性特征，可以助力高效药物筛选，加速药物开发。



肿瘤类器官的药物筛选主要流程

**热门药物靶点**

肿瘤/免疫治疗

HER2、EGFR、
VEGF/VEGFR、
CD19/CD20

免疫/炎症

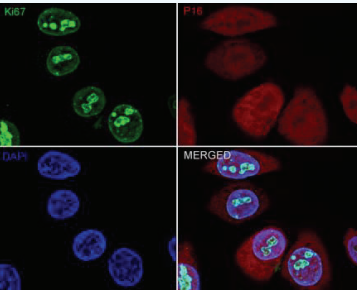
PD-1/PD-L1、
CTLA-4、TNF-α

代谢

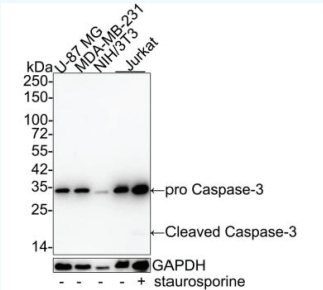
GLUT4、mTOR

神经

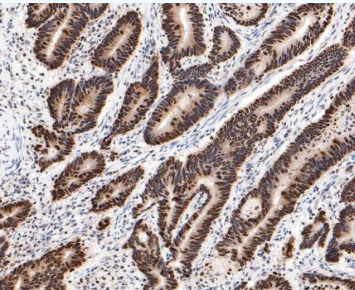
Tau蛋白、
α-Synuclein



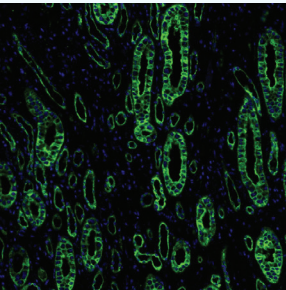
Ki67 rabbit mAb | HA721115
使用Ki67兔单抗（绿色）对HeLa细胞进行 IF-Cell 分析。
Anti-p16 (HA601131, 红色)。



Cleaved+pro Caspase-3 rabbit mAb | ET1608-64
使用Cleaved+pro Caspase-3兔单抗（稀释比 1/5,000）对各种样本裂解液进行 WB 分析。
Jurkat细胞使用 1μM staurosporine给药处理 3h。



Phospho-Histone H2A.X (S139) rabbit mAb | ET1602-2
使用Phospho-Histone H2A.X (S139) 兔单抗对人结肠癌组织进行 IHC-P 分析。



EGFR rabbit mAb | ET1603-37
使用EGFR 兔单抗（稀释比1/1,000）对人肾髓质组织进行 mIHC 分析。

热销抗体产品推荐

膀胱癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
CD44	ET1609-74	H	WB,IHC-P	Rabbit mAb
Cytokeratin 5	ET1610-43	H,Ms,R	WB,IHC-P,IF-Tissue,IF-Cell,FC	Rabbit mAb
Cytokeratin 5+6	HA721455	H,Ms,R	IHC-P,IF-Tissue,WB	Rabbit mAb
Cytokeratin 7	ET1609-62	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC,mIHC	Rabbit mAb
Cytokeratin 8	ET1608-32	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC	Rabbit mAb
Cytokeratin 14	ET1610-42	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,FC	Rabbit mAb
Cytokeratin 20	ET1601-8	H,R	WB,IF-Cell,IF-Tissue,IHC-P,FC,IP	Rabbit mAb
FOXA1	ET1702-89	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P	Rabbit mAb
Ki67	ER1706-46	H	WB,IF-Cell,IHC-P,FC	Rabbit pAb

膀胱癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
Ki67	ET1609-34	H	WB,IF-Cell,IHC-P,FC	Rabbit mAb
p40	HA721222	H,Ms,R	IHC-P,WB,IF-Cell	Rabbit mAb
p40	HA721255	H,Ms,R	WB,IHC-P,FC	Rabbit mAb
p53	EM20603	H	WB,IF-Cell,IHC-P,FC	Mouse mAb
p53	ET1601-13	H	WB,IF-Cell,ChIP	Rabbit mAb
p53	ET1605-16	H	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC	Rabbit mAb
p53	M1312-2	H	WB,IF-Cell,IHC-P	Mouse mAb
p63	ET1610-44	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,FC	Rabbit mAb
Phospho-p53 (S392)	ET1606-24	H,Ms,R	WB,IHC-P,IP	Rabbit mAb
Phospho-p53 (T55)	ET1609-13	H	WB,IHC-P	Rabbit mAb
Phospho-p53 (S376)	ET1609-14	H,Ms	WB	Rabbit mAb
p53 (acetyl K382)	ET1612-71	H,Ms	WB,IF-Cell,IHC-P	Rabbit mAb
Phospho-p53 (S15)	HA721756	H	WB,IF-Cell	Rabbit mAb
Phospho-p53 (S33)	HA722703	H,Ms,R	WB,IF-Cell,IHC-P	Rabbit mAb
Phospho-p53 (S20)	HA722761	H	WB	Rabbit mAb
p53 (acetyl K370)	ET1602-38	H,Ms,R	WB,IF-Cell,IF-Tissue,IP,FC	Rabbit mAb
p53 (acetyl K382)	HA722763	H	WB,IF-Cell	Rabbit mAb
pan Cytokeratin	HA600111F	H	IF-Tissue	Mouse mAb

鼻咽癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
CD44	EM010805	H	WB,IHC-P,FC	Mouse mAb
CD44	HA722845	H,Ms,R	WB,IF-Cell,IHC-P,IF-Tissue,FC	Rabbit mAb
CD133	ER31008	H	WB,IHC-P,FC	Rabbit pAb
CD133	HA601062	H	WB,IHC-P	Mouse mAb
CD133	HA722667	Ms	WB,IHC-P,IHC-Fr	Rabbit mAb
Ki67	ET1609-34	H	WB,IF-Cell,IHC-P,FC	Rabbit mAb
Ki67	HA601053	H,Ms	IHC-P,IF-Tissue	Mouse mAb

胆管癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
Cytokeratin 7	EM0702	H	WB,IHC-P,IF-Cell,IF-Tissue	Mouse mAb
Cytokeratin 7	ET1609-62	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC,mIHC	Rabbit mAb
Cytokeratin 19	EM1901-75	H	WB,IHC-P,FC	Mouse mAb

胆管癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
EpCAM	EM1111	H,Ms	WB,IF-Cell	Mouse mAb
MUC1	ET1611-14	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,FC,IP	Rabbit mAb
N Cadherin	ET1607-37	H,Ms,R,Cmk,P	WB,IHC-P,IHC-Fr,IF-Tissue	Rabbit mAb
N-Cadherin	M1304-1	H,Ms	WB,IHC-P	Mouse mAb
NCAM1 / CD56	HA601126	H	IHC-P,WB	Mouse mAb
NCAM1 / CD56	HA723041	H	WB,IHC-P,IF-Tissue	Rabbit mAb
p53	EM20603	H	WB,IF-Cell,IHC-P,FC	Mouse mAb
p53	ET1601-13	H	WB,IF-Cell,ChIP	Rabbit mAb
p53 (acetyl K370)	ET1602-38	H,Ms,R	WB,IF-Cell,IF-Tissue,IP,FC	Rabbit mAb
Phospho-p53 (S392)	ET1606-24	H,Ms,R	WB,IHC-P,IP	Rabbit mAb
Phospho-p53 (T55)	ET1609-13	H	WB,IHC-P	Rabbit mAb
Phospho-p53 (S376)	ET1609-14	H,Ms	WB	Rabbit mAb
p53 (acetyl K382)	ET1612-71	H,Ms	WB,IF-Cell,IHC-P	Rabbit mAb
Phospho-p53 (S15)	HA721756	H	WB,IF-Cell	Rabbit mAb
Phospho-p53 (S33)	HA722703	H,Ms,R	WB,IF-Cell,IHC-P	Rabbit mAb
Phospho-p53 (S20)	HA722761	H	WB	Rabbit mAb
p53 (acetyl K382)	HA722763	H	WB,IF-Cell	Rabbit mAb
pan Cytokeratin	HA600111F	H	IF-Tissue	Mouse mAb
Pan-Cadherin	ET1609-70	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,IP,IHC-Fr	Rabbit mAb
S100P	ET1702-82	H	WB,IF-Cell,IF-Tissue,IHC-P,IP	Rabbit mAb
肺癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
Aryl hydrocarbon Receptor	ET1703-11	H	WB	Rabbit mAb
Cytokeratin 7	EM0702	H	WB,IHC-P,IF-Cell,IF-Tissue	Mouse mAb
Cytokeratin 7	ET1609-62	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC,mIHC	Rabbit mAb
Cytokeratin 7	HA601065	H	WB,IHC-P,FC,IF-Cell	Mouse mAb
NAPSIN A	HA601097	H	IHC-P,IF-Cell	Mouse mAb
NCAM1 / CD56	HA601126	H	IHC-P,WB	Mouse mAb
NCAM1 / CD56	HA722756	H,Ms,R	WB,IHC-P,IF-Cell,FC,IP	Rabbit mAb
NCAM1 / CD56	HA723041	H	WB,IHC-P,IF-Tissue	Rabbit mAb
p40	HA721222	H,Ms,R	IHC-P,WB,IF-Cell	Rabbit mAb
p40	HA721255	H,Ms,R	WB,IHC-P,FC	Rabbit mAb

肺癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
p63	ET1610-44	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,FC	Rabbit mAb
Synaptophysin	ET1606-56	H,Ms,R,Cmk,P	WB,IHC-P,IHC-Fr,IF-Tissue	Rabbit mAb
Synaptophysin	M0407-30	H,Ms,R	WB,IF-Cell,IHC-P,FC	Mouse mAb
肝癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
AFP	EM1701-31	H	WB,IHC-P	Mouse mAb
AFP	HA721238	H	IHC-P,WB	Rabbit mAb
Beta Catenin	0407-16	H,Ms,R,Z	WB,IF-Cell,IHC-P	Rabbit pAb
Beta Catenin	EM0306	H,Ms,R	WB,IF-Cell,IHC-P,FC,IF-Tissue	Mouse mAb
Phospho-Beta Catenin (S33 + S37)	HA721580	H,R,Ms	WB	Rabbit mAb
Phospho-Beta Catenin (T41/S45)	HA722316	H,Ms,R	WB,IHC-P	Rabbit mAb
Phospho-Beta Catenin (S552)	HA723024	H,Ms,R	WB,IF-Cell,IHC-P,FC	Rabbit mAb
Cytokeratin 19	EM1901-75	H	WB,IHC-P,FC	Mouse mAb
Cytokeratin 19	HA601258	H	WB,IF-Cell,IHC-P,FC	Mouse mAb
EpCAM	EM1111	H,Ms	WB,IF-Cell	Mouse mAb
GPC3	EM1709-60	H,Ms	WB,IF-Cell,FC	Mouse mAb
Ki67	ET1609-34	H	WB,IF-Cell,IHC-P,FC	Rabbit mAb
Ki67	HA601053	H,Ms	IHC-P,IF-Tissue	Mouse mAb
pan Cytokeratin	HA600111F	H	IF-Tissue	Mouse mAb
结直肠癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
Beta Catenin	0407-16	H,Ms,R,Z	WB,IF-Cell,IHC-P	Rabbit pAb
Beta Catenin	EM0306	H,Ms,R	WB,IF-Cell,IHC-P,FC,IF-Tissue	Mouse mAb
Beta Catenin	HA601179	H,Ms,R	WB,IF-Cell,FC	Mouse mAb
Phospho-Beta Catenin (S33 + S37)	HA721580	H,R,Ms	WB	Rabbit mAb
Phospho-Beta Catenin (T41/S45)	HA722316	H,Ms,R	WB,IHC-P	Rabbit mAb
Phospho-Beta Catenin (S552)	HA723024	H,Ms,R	WB,IF-Cell,IHC-P,FC	Rabbit mAb
CDX2	ET1605-4	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,FC,CUT&Tag-seq	Rabbit mAb
Cytokeratin 20	EM1901-97	H	IHC-P	Mouse mAb
Cytokeratin 20	ET1601-8	H,R	WB,IF-Cell,IF-Tissue,IHC-P,FC,IP	Rabbit mAb
Ki67	ET1609-34	H	WB,IF-Cell,IHC-P,FC	Rabbit mAb
Ki67	HA601053	H,Ms	IHC-P,IF-Tissue	Mouse mAb

结直肠癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
MSH6	ET1604-39	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP	Rabbit mAb
OLFM4	HA721671	H	WB,IHC-P	Rabbit mAb
Pan Cytokeratin	ER1914-74	H,Ms,R,Cw	WB,IHC-P,IF-Cell,IF-Tissue,FC	Rabbit pAb
卵巢癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
ALDH1A1	EM1801-07	H,R,Ms	WB,IHC-P,IF-Cell,FC,IHC-Fr	Mouse mAb
ALDH1A1	ET1605-24	H,Ms,R	WB,IHC-P,IHC-Fr,IP	Rabbit mAb
CD44	ET1609-74	H	WB,IHC-P	Rabbit mAb
CD9	ET1601-9	H,Ms,R	WB,IF-Cell,IHC-P,IP,FC	Rabbit mAb
Cytokeratin 7	ET1609-62	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC,mIHC	Rabbit mAb
Cytokeratin 8	ET1608-32	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC	Rabbit mAb
Cytokeratin 19	EM1901-75	H	WB,IHC-P,FC	Mouse mAb
Cytokeratin 20	HA601077	H	IHC-P	Mouse mAb
E-Cadherin	EM0502	H,Ms,R	WB,IHC-P	Mouse mAb
E-Cadherin	ET1607-75	H,Cmk	WB,IF-Cell,IF-Tissue,IHC-P,FC,IP,mIHC	Rabbit mAb
EpCAM	EM1111	H,Ms	WB,IF-Cell	Mouse mAb
ESR1	EM1708-51	H,R	WB,IF-Cell,IHC-P,FC	Mouse mAb
Estrogen Receptor	HA721140	H	IHC-P	Rabbit mAb
HE4	ET1702-61	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC	Rabbit mAb
HER2 / ErbB2	HA721178	H	IHC-P,WB,IF-Cell,FC,mIHC	Rabbit mAb
HER2 / ErbB2	HA721210	H	WB,IHC-P,IF-Tissue	Rabbit mAb
Ki67	ET1609-34	H	WB,IF-Cell,IHC-P,FC	Rabbit mAb
Ki67	HA601053	H,Ms	IHC-P,IF-Tissue	Mouse mAb
p53	EM20603	H	WB,IF-Cell,IHC-P,FC	Mouse mAb
Pan-Cadherin	ET1609-70	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,IP,IHC-Fr	Rabbit mAb
PAX8	ET1701-50	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P	Rabbit mAb
Progesterone Receptor	ET1702-24	H	WB,IF-Cell,IF-Tissue,IHC-P,IP	Rabbit mAb
前列腺癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
alpha smooth muscle Actin	ET1607-43	H,Ms,R	WB,IHC-P,FC,IP	Rabbit mAb
Androgen receptor	HA721156	H,Ms,R	WB,IHC-P,IF-Tissue,IF-Cell,IP	Rabbit mAb
Cytokeratin 5	ET1610-43	H,Ms,R	WB,IHC-P,IF-Tissue,IF-Cell,FC	Rabbit mAb

前列腺癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
Cytokeratin 8	ET1608-32	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC	Rabbit mAb
Cytokeratin 14	ET1610-42	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,FC	Rabbit mAb
E-Cadherin	EM0502	H,Ms,R	WB,IHC-P	Mouse mAb
E-Cadherin	ET1607-75	H,Cmk	WB,IF-Cell,IF-Tissue,IHC-P,FC,IP,mIHC	Rabbit mAb
GST3	ET7107-71	H,Ms,R	WB,IHC-P,IF-Cell,IF-Tissue	Rabbit mAb
Ki67	ET1609-34	H	WB,IF-Cell,IHC-P,FC	Rabbit mAb
Ki67	HA601053	H,Ms	IHC-P,IF-Tissue	Mouse mAb
NKX3.1	HA721383	H	WB,IHC-P	Rabbit mAb
p40	HA721222	H,Ms,R	IHC-P,WB,IF-Cell	Rabbit mAb
p40	HA721255	H,Ms,R	WB,IHC-P,FC	Rabbit mAb
p63	ET1610-44	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,FC	Rabbit mAb
Pan-Cadherin	ET1609-70	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,IP,IHC-Fr	Rabbit mAb
Prostate Specific Antigen	ET1612-19	H	WB,IF-Cell,IF-Tissue,IHC-P	Rabbit mAb
PTEN	ET1606-43	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P	Rabbit mAb
Vimentin	ET1610-39	H,Ms,R,Cmk,P	WB,IHC-P,IHC-Fr,IF-Tissue,IF-Cell,FC,IP	Rabbit mAb
乳腺癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
Cytokeratin 5	ET1610-43	H,Ms,R	WB,IHC-P,IF-Tissue,IF-Cell,FC	Rabbit mAb
Cytokeratin 5+6	HA721455	H,Ms,R	IHC-P,IF-Tissue,WB	Rabbit mAb
Cytokeratin 8	ET1608-32	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC	Rabbit mAb
Cytokeratin 14	ET1610-42	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,FC	Rabbit mAb
Cytokeratin 18	M0407-19	H,Ms,R	WB,IF-Cell,IHC-P,FC	Mouse mAb
E-Cadherin	EM0502	H,Ms,R	WB,IHC-P	Mouse mAb
E-Cadherin	ET1607-75	H,Cmk	WB,IF-Cell,IF-Tissue,IHC-P,FC,IP,mIHC	Rabbit mAb
Estrogen Receptor	HA721140	H	IHC-P	Rabbit mAb
Phospho-Estrogen Receptor alpha (S118)	ET1610-32	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P	Rabbit mAb
HER2 / ErbB2	ER0106	H	WB,IHC-P	Rabbit pAb
HER2 / ErbB2	HA721178	H	IHC-P,WB,IF-Cell,FC,mIHC	Rabbit mAb
Phospho-HER2 / ErbB2 (Y1221 + Y1222)	HA721433	H	WB	Rabbit mAb
Phospho-HER2 / ErbB2 (Y1248)	HA722084	H	WB,IF-Cell	Rabbit mAb
Phospho-HER2 / ErbB2 (Y1139)	HA722201	H	WB,IF-Cell,FC	Rabbit mAb
Phospho-HER2 / ErbB2 (T686)	RT1275	H,Ms,R	WB,IP	Mouse mAb

乳腺癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
Ki67	ET1609-34	H	WB,IF-Cell,IHC-P,FC	Rabbit mAb
Ki67	HA601053	H,Ms	IHC-P,IF-Tissue	Mouse mAb
N Cadherin	ET1607-37	H,Ms,R,Cmk,P	WB,IHC-P,IHC-Fr,IF-Tissue	Rabbit mAb
p40	HA721222	H,Ms,R	IHC-P,WB,IF-Cell	Rabbit mAb
p63	ET1610-44	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,FC	Rabbit mAb
Pan-Cadherin	ET1609-70	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,IP,IHC-Fr	Rabbit mAb
Progesterone Receptor	ET1702-24	H	WB,IF-Cell,IF-Tissue,IHC-P,IP	Rabbit mAb
胃癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
CEACAM1	HA721507	H	WB,IHC-P	Rabbit mAb
Cytokeratin 7	ET1609-62	H,Ms	WB,IF-Cell,IF-Tissue,IHC-P,IP,FC,miHC	Rabbit mAb
Cytokeratin 20	HA601077	H	IHC-P	Mouse mAb
E-Cadherin	EM0502	H,Ms,R	WB,IHC-P	Mouse mAb
E-Cadherin	ET1607-75	H,Cmk	WB,IF-Cell,IF-Tissue,IHC-P,FC,IP,miHC	Rabbit mAb
Ki67	ER1706-46	H	WB,IF-Cell,IHC-P,FC	Rabbit pAb
Ki67	ET1609-34	H	WB,IF-Cell,IHC-P,FC	Rabbit mAb
p53	EM20603	H	WB,IF-Cell,IHC-P,FC	Mouse mAb
p53	ET1601-13	H	WB,IF-Cell,ChIP	Rabbit mAb
p53 (acetyl K370)	ET1602-38	H,Ms,R	WB,IF-Cell,IF-Tissue,IP,FC	Rabbit mAb
Phospho-p53 (S392)	ET1606-24	H,Ms,R	WB,IHC-P,IP	Rabbit mAb
Phospho-p53 (T55)	ET1609-13	H	WB,IHC-P	Rabbit mAb
Phospho-p53 (S376)	ET1609-14	H,Ms	WB	Rabbit mAb
p53 (acetyl K382)	ET1612-71	H,Ms	WB,IF-Cell,IHC-P	Rabbit mAb
Phospho-p53 (S15)	HA721756	H	WB,IF-Cell	Rabbit mAb
Phospho-p53 (S33)	HA722703	H,Ms,R	WB,IF-Cell,IHC-P	Rabbit mAb
Phospho-p53 (S20)	HA722761	H	WB	Rabbit mAb
p53 (acetyl K382)	HA722762	H,Ms	WB,IF-Cell	Rabbit mAb
p53 (acetyl K382)	HA722763	H	WB,IF-Cell	Rabbit mAb
p53	M1312-2	H	WB,IF-Cell,IHC-P	Mouse mAb
Pan-Cadherin	ET1609-70	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,IP,IHC-Fr	Rabbit mAb

胰腺癌类器官				
Product name	Catalog#	Reactivity	Tested applications	Antibody type
Chromogranin A	ER40724	H,Ms,R	WB,IHC-P,FC,IF-Tissue,IF-Cell	Rabbit pAb
Chromogranin A	HA601295	H,Ms,R	IHC-P	Mouse mAb
Cytokeratin 19	EM1901-75	H	WB,IHC-P,FC	Mouse mAb
Ki67	ET1609-34	H	WB,IF-Cell,IHC-P,FC	Rabbit mAb
Ki67	HA601053	H,Ms	IHC-P,IF-Tissue	Mouse mAb
MUC1	ET1611-14	H,Ms,R	WB,IF-Cell,IF-Tissue,IHC-P,FC,IP	Rabbit mAb
MUC1	HA601141	H	IHC-P,FC,IF-Cell	Mouse mAb
Synaptophysin	ET1606-56	H,Ms,R,Cmk,P	WB,IHC-P,IHC-Fr,IF-Tissue	Rabbit mAb

*H: Human; Ms: Mouse; R: Rat; P: Pig; Cw:Cow; Cmk: Cynomolgus monkey; Z: Zebrafish

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产品信息



客户文献引用案例

Case 1

标题：A human organoid drug screen identifies α2-adrenergic receptor signaling as a therapeutic target for cartilage regeneration

PMID: 39353427

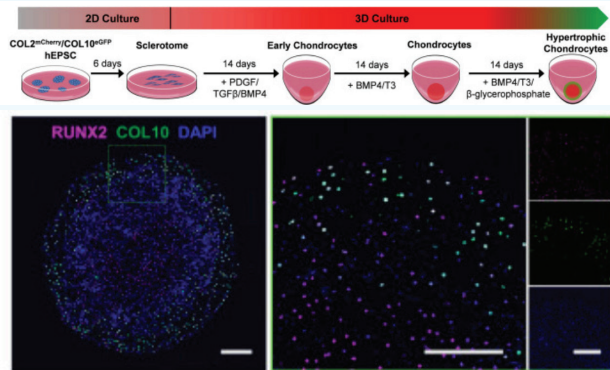
IF: 19.8

期刊：Cell Stem Cell. 2024 Dec 5;31 (12):1813-1830.e8.

产品名称：RUNX2 rabbit mAb | ET1612-47

应用：IF-Tissue

科研单位：南方医科大学



Representative immunofluorescence images of cryosections from day 42 organoids. Scale bars,200µm.

Case 2

标题：Establishment of goat mammary organoid cultures modeling the mammary gland development and lactation

PMID: 39350237

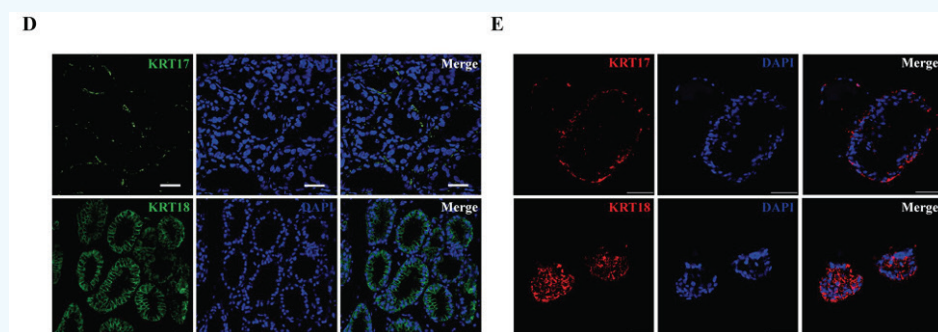
IF: 6.3

期刊：J Anim Sci Biotechnol. 2024 Oct 1;15(1):124.

产品名称：Cytokeratin 18 rabbit mAb | ET1603-8

应用：IF-Tissue

科研单位：浙江大学



Immunofluorescence staining of KRT17 and KRT18 in goat mammary tissue (D) and goat mammary organoids (E). Scale bar, 50 μ m.

Case 3

标题：Human amniotic mesenchymal stem cell-islet organoids enhance the efficiency of islet engraftment in a mouse diabetes model

PMID: 38862063

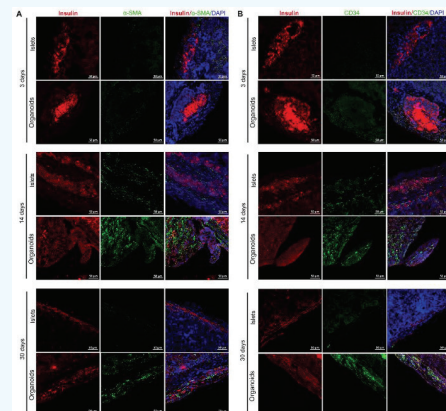
IF: 6.1

期刊：Life Sci. 2024 Aug 15;351:122812.

产品名称：CD34 rabbit mAb | ET1606-11; alpha smooth muscle Actin rabbit mAb | ET1607-43

应用：IF-Tissue

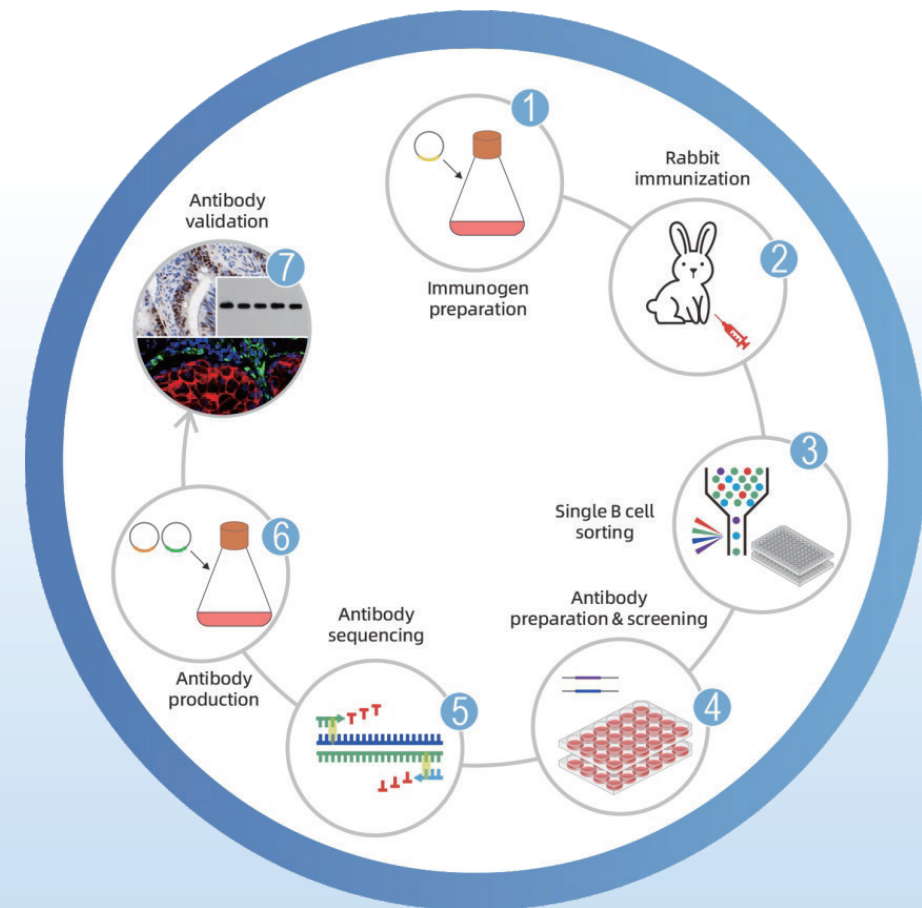
科研单位：南昌大学



Representative immunofluorescence staining for α -SMA, CD34 and CD31 in graft 3, 14 and 30 days after transplantation.

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兔单抗定制服务详情

阶段	服务详情	周期	交付
抗原制备	客户提供序列信息，服务提供方分析序列，双方确认后开展项目。	/	1) 2个克隆的抗体可变区序列以及对应的质粒； 2) 2个重组抗体，1-1.5mg/个； 3) 完整的项目结项报告。
免疫检测	免疫2只兔子，ELISA测定血清滴度，根据客户需求进行ELISA检测阳性鉴定。可取少量血清由客户检测。 检测标准:1:64,000,效价达到OD值>0.6。	8-12周	
B细胞分选和上清获得	取兔子外周血，分离B细胞，铺板，每只兔子铺1块板。利用TAP技术表达后进行上清检测。将不低于10个ELISA阳性克隆的上清寄送客户验证。	4-6周	
测序和抗体生产	将客户所确定的克隆进行质粒构建，大提质粒制备。进行转染生产。将转染上清进行ProA亲和柱纯化抗体，并进行缓冲液置换，最终保存缓冲液为PBS。	4周	

