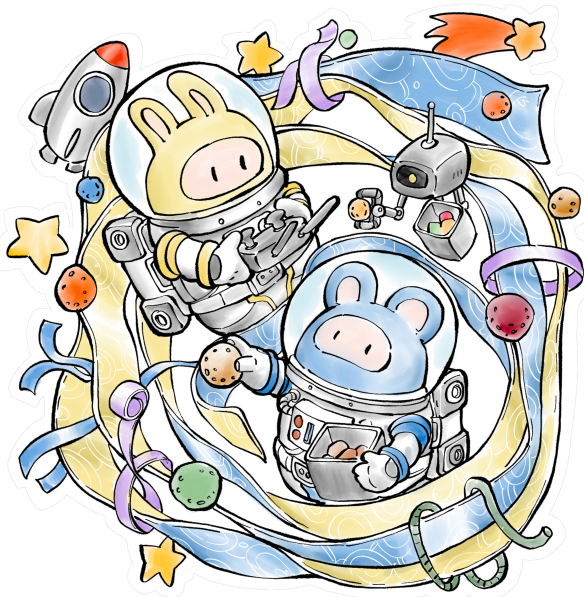


内参抗体手册

Guide for Loading Control Antibody



公司简介

ImmunoWay Biotechnology Company (简称ImmunoWay) 公司成立于2002年, 于2012年在美国德克萨斯州注册品牌。

公司于2014年投入研发病理级免疫组化专用抗体, 国际著名单克隆抗体专家指导研发, 免疫原针对免疫组化实验而设计, 单克隆细胞株的筛选, 抗体的验证均经过于张阳性切片和阴性切片检测, 明确组织定位和亚细胞定位, 抗体特异性强, 灵敏度高, 低背景, 按照体外诊断试剂备案和注册要求研发生产。临床免疫组化应用于病理的辅助诊断和鉴别诊断, 为疾病治疗提供客观的指导方案。目前抗体种类已近200种, 覆盖肿瘤病理诊断, 如乳腺癌, 宫颈癌, 结肠癌, 胃癌, 肝癌, 淋巴瘤, 前列腺癌, 甲状腺癌等所需检测指标的绝大部分。

自公司成立一直专注于抗体的研发和生产, 多克隆抗体种类达15000+, 单克隆抗体种类2000+, 检测液态样本Elisa试剂盒700+, 检测细胞样本Cell-Based Colorimetric ELISA Kits 2000+, 满足广大科研用户的使用和需求。

ImmunoWay将不断研发和生产出优质的抗体及相关产品, 为临床和广大科研工作提供更好的工具, 共同服务于生命科学。

ImmunoWay产品线

200+

病理级免疫组化专用抗体



15000

科研级一抗

1300+

兔单抗

1000+

二抗



200+

标签内参荧光蛋白抗体

700+

ELISA试剂盒

2000+

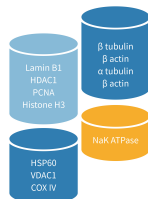
Cell-Based ELISA试剂盒



内参概念

在做Western Blot实验时，内参即是内部参照。内参基因在各组织和细胞中的表达相对恒定，在检测基因的表达水平变化时常用它来做参照物。其作用是校正样本上样量、上样过程中存在的实验误差，保证实验结果的准确性。借助检测每个样品内参的量就可以用于校正上样误差，这样半定量的结果才更为可信。一般选择一个在处理因素作用条件下不会发生表达改变的基因作内参。

最普通的内参是内源性参照基因，也叫管家基因。管家基因：又称持家基因 (house-keeping genes) 生物体各类细胞中都表达，其产物是对维持细胞基本生命活动所必需的蛋白质编码的基因。如微管蛋白基因、糖酵解酶系基因与核糖体蛋白基因等。是为维持细胞基本生命活动所需而时刻都在表达的基因。管家基因表达水平受环境因素影响较小，而是在个体各个生长阶段的大多数、或几乎全部组织中持续表达，或变化很小。它的表达只受启动序列或启动子与RNA聚合酶相互作用的影响，而不受其他机制调节。



内参选择原则

- ★ 高度或中度表达，表达稳定，排除低表达；
- ★ 稳定表达于不同类型的细胞和组织（如正常细胞和癌细胞），而且其表达量是近似的，无显著性差别；
- ★ 表达水平与细胞周期以及细胞是否活化无关；
- ★ 其稳定的表达水平与目标基因相似；
- ★ 不受任何内源性或外源性因素的影响，如不受任何实验处理措施的影响；
- ★ 不同样本来源选择不同，具体参照文献，如果是哺乳动物的组织或细胞，主要以 β -actin、GAPDH、 β -tubulin、PCNA等为代表。如果是植物样本，主要以 actin、Rubisco 为代表；
- ★ 与目的蛋白大小最好在5kd以上差异；
- ★ 表达位置要区分，不同细胞器选择不同的内参蛋白。



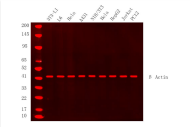
常用内参

β-actin, 肌动蛋白, 细胞骨架蛋白: 在各组织和细胞中表达相对恒定, 它广泛分布于细胞质内, 表达量非常丰富。

GAPDH, 甘油醛-3-磷酸脱氢酶: 该酶是糖酵解反应中的一个酶, 几乎在所有组织细胞中都高水平表达, 在同种细胞或组织中的表达量一般是恒定的, 且很少受外部诱导物的影响。

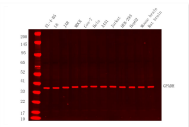
β-tubulin, 微管蛋白: 细胞骨架蛋白, 表达通常不会发生改变。

β-actin(PT0519R) PT™ Rabbit mAb



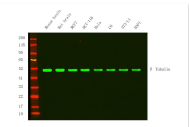
Western Blot analysis using Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-β Actin PT™ Rabbit mAb-YM8343 diluted at 1:20000. Secondary: Dylight 800, Goat Anti Rabbit IgG(RS23920 1:10000).

GAPDH(PT0582R) PT™ Rabbit mAb



Western Blot analysis using Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-GAPDH PT™ Rabbit mAb-YM8394 diluted at 1:20000. Secondary: Dylight 800, Goat Anti Rabbit IgG(RS23920 1:10000).

β-Tubulin (PT0505R) PT™ Rabbit mAb



Western Blot analysis using Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-β-Tubulin PT™ Rabbit mAb-YM8332 diluted at 1:5000. Secondary: Dylight 800, Goat Anti Rabbit IgG(RS23920 1:10000).

内参抗体快速选择

分子量	全细胞	线粒体	细胞核	细胞膜	骨架	血清
125	Vinculin					
110				NaK ATPase		
75						Transferrin
66			Lamin B1			
60		HSP60				
55			HDAC1			
	Alpha tubulin				Alpha tubulin	
50	Beta tubulin				Beta tubulin	
			YY1			
	Actin				Actin	
40	Beta actin				Beta actin	
35	GAPDH		TBP			
30		VDAC1/Porin	PCNA			
	Cyclophin B					
20	Cofilin	COX IV			Cofilin	
15			Histone H3			

Immunoway内参抗体

- ★ 抗体特异性强，灵敏度高，低背景，WB应用稀释比可达1:5000-20000；
- ★ 满足多种属应用，如H, R, M, Monkey, Dog, Chicken, Hamster, Rabbit, Pig, Sheep, Insect, Yeast等；
- ★ 满足多种实验需求，如WB, IHC, IF, IP, Elisa等；
- ★ 超高性价比，国内现货。



注意事项

没有一种内参适用于所有组织和细胞，需根据具体情况进行选择：

- ★ 在脂肪组织里， β -Actin的表达量非常低，不适合作为内参。
- ★ 不同组织的细胞结构会有差异性，如脑组织的 tubulin 的表达会高一些（因为神经细胞的轴突和树突都由 tubulin 维持结构），而 actin 的表达量可能会低一些。再比如，骨骼肌、心肌和平滑肌的特殊功能反而导致了 tubulin 的表达改变和特化，这种情况可以选择 GAPDH。
- ★ 缺氧和糖尿病等疾病存在下，会增加 GAPDH 在特定细胞和组织中的表达，不适合做内参。
- ★ 在加入抗癌和真菌药物时，tubulin表达受影响，不适合做为内参。细胞增殖，毒性，凋亡实验时，Lamin B1等不适合作为内参。没有核被膜的样品是不适合作为内参的。
- ★ 红细胞（因为其细胞结构的特殊性和需要携带氧气的功能性）样本就不适合常用内参。可以选用红细胞的结构蛋白作为内参代替。
- ★ 做各种分泌液样本的时候，如血浆，乳汁，组织液等，常用内参不适合。由于没有完整的细胞结构，所以只能选择一些分泌蛋白作为内参，或者采用其他方式作为内参。
- ★ 做诱导后样本或检测磷酸化等修饰性抗体时，选择结构蛋白作为内参，如 β -Actin 和 β -Tubulin。因为 GAPDH 是代谢类蛋白，表达量有可能会受到诱导处理的影响。
- ★ 做 Western Blot 实验时，蛋白上样量和内参的条带强度也要适当控制。内参条带不要过度曝光。如果内参条带过度曝光，掩盖样本之间含量差异，妨碍对条带正确强度的判读，进而影响对其他实验结果的判断。



常用内参

内参	名称	货号	产品名称	反应性	应用	分子量
全细胞内参	GAPDH	YM8394	GAPDH (PT0582R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	38kD
	β-actin	YM8343	β-actin (PT0519R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA	42kD
		YM3028	β-actin (PTR2364) Mouse mAb	Human,Mouse,Rat	WB,IF,IP,ELISA	42kD
	β-Tubulin	YM8332	β-Tubulin (PT0505R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	50kD
	Vinculin	YM8434	Vinculin (PT0625R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	124kD
	α-Tubulin	YM8126	α-Tubulin (PT0200R) PT™ Rabbit mAb-Loading Control	Human,Mouse,Rat	WB,IHC,IF,ELISA	50kD
	Cyclophilin B	YM8527	Cyclophilin B (PT0969R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA	20kD
	Actin pan	YM8082	Actin (pan) (PT0145R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	42kD
细胞核内参	Histone H3	YM8335	Histone H3 (PT0508R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	15kD
	Lamin B1	YM8163	Lamin B1 (PT0286R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	68kD
	Lamin A/C	YM8246	Lamin A/C (PT0401R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	63,74kD
	TBP	YM8392	TBP/TATA Box Binding Protein (PT0539R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	38kD
线粒体内参	COX IV	YM84289	COX IV (PT13139R) Mouse mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA	17kD
	VDAC1	YM8136	VDAC1 (PT0214R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA	33kD
	TOMM20	YM8164	TOMM20 (PT0287R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA	16kD
胞膜内参	Na ⁺ /K ⁺ -ATPase α1	YM8603	Na ⁺ /K ⁺ -ATPase α1 (PT0834R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA	100kD

细胞器标志物

标志物	货号	产品名称	反应性	应用	标志物	货号	产品名称	反应性	应用
细胞核标志物	YM8335	Histone H3 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	核糖体标志物	YM8485	RP56 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA
	YM8163	Lamin B1 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA		YM8230	RP56 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
	YM8246	Lamin A/C Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	间隙连接标志物	YM8301	Connexin 43 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
	YM8392	TBP/TATA Box Binding Protein Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA		YM8199	Claudin 1 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
	YM8141	PCNA Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	紧密连接标志物	YM8316	OCLN Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
	YM9073	YY1 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA		YM8448	ZO1 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA
	YM4289	COX IV Mouse mAb	Human,Mouse,Rat	WB,IF,ELISA,IHC	内质网标志物	YM8388	PD1 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA
	YM8136	VDAC1 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA		YM8395	Calnexin Rabbit mAb	Human	WB,IHC,IF,ELISA
	YM8164	TOMM20 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA		YM8162	Calreticulin Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
	YM8459	AIFM1 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA		YM8507	Endoplasmic Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
线粒体标志物	YM8161	ATP5A Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA	核孔标志物	YM8601	Desmin Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA
	YM8103	ATP8 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA	金/血/血清	YM8377	Albumin Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
	YM3402	Cytochrome C Mouse mAb	Human,Mouse,Rat,Chicken	WB,IF,IHC		YM8060	LAMP1 Rabbit mAb	Human	WB,IHC,IF,ELISA
	YM8240	Cytochrome C Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA	溶酶体标志物	YM8157	LAMP2 Rabbit mAb	Human,Mouse	WB,IHC,IF,ELISA
	YM8193	HSP90 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA	少突胶质细胞标志物	YM5260	Claudin-11 Rabbit mAb	Human,Mouse,Rat	WB,IF,ELISA
	YM8807	HXK1 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA	神经干细胞标志物	YM8889	Islet-1 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
	YM9032	Mitofillin Rabbit mAb	Human	WB,IHC,IF,ELISA		YM4354	Nestin Mouse mAb	Human	WB,IHC,IF,IP,ELISA
	YM8380	mtTFA Rabbit mAb	Human	WB,IHC,IF,IP,ELISA		YM8178	GAP43 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
	YM8129	Prohibitin Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA		YM8614	MAP2 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA
	YM8296	SDHB Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA		YM8616	NeuN Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA
高尔基体标志物	YM9095	GM130 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA		YM8881	NMDAR1 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA
	YM8267	FURIN Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA		YM9130	NSE Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA
干细胞标志物	YM8080	CD133 Rabbit mAb	Human	WB,IHC,IF,ELISA		YM8221	PGP 9.5 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
	YM8083	Catalase Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA		YM8553	Tyrosine Hydroxylase Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA
核孔标志物	YM9109	NUP98 (PT1267R) PT™ Rabbit mAb	Human,Mouse,Rat	WB,IF,ELISA		YM8365	β III Tubulin Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA
核仁标志物	YM8122	Fibrillarin Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,ELISA					
	YM8669	Histone H3 Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA					
	YM8476	KDM1A Rabbit mAb	Human,Mouse,Rat	WB,IHC,IF,IP,ELISA					

细胞器标志物

标志物	货号	产品名称	反应性	应用	标志物	货号	产品名称	反应性	应用
突触标志物	YM8292	PSD95 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA	异染色质标志物	YM8586	HP1α Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA
	YM8411	Synapsin I Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA		YM8117	EEA1 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA
外泌体标志物	YM8150	TSG101 Rabbit mAb	Human, Mouse, Rat	WB, IF, IP, ELISA	早期内体标志物	YM8182	Rab 5A Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA
	YM8526	CD81 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA		YM8305	CD45 Rabbit mAb	Human	WB, IHC, IF, ELISA
	YM8334	CD9 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA	造血干细胞标志物	YM8613	CD90 Rabbit mAb	Human, Mouse	WB, IHC, IF, ELISA
	YM4772	CD9 Mouse mAb	Human	WB, IF, ELISA		YM8577	c-Kit/CD117 Rabbit mAb	Human, Mouse	WB, IF, IP, ELISA
胞膜内体/外泌体标志物	YM8363	CD63 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA	粘附连接标志物	YM8373	VE-Cadherin Rabbit mAb	Mouse, Rat	WB, IHC, IF, IP, ELISA
	YM8204	Rab7 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA		YM4812	E-Cadherin Mouse mAb	Human, Mouse, Rat	IHC, WB, IF, ELISA
细胞骨架标志物	YM8706	Cytokeratin 10 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA		YM8097	N-Cadherin Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA
	YM8439	Cytokeratin 14 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA		YM8426	pan-Cadherin Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA
	YM8269	Cytokeratin 19 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA	着丝粒标志物	YM8521	CENP-A Rabbit mAb	Human	WB, IF, ELISA
	YM8356	Cytokeratin 20 Rabbit mAb	Human, Rat	WB, IHC, IF, IP, ELISA		YM8087	Aurora A Rabbit mAb	Human	WB, IHC, IF, IP, ELISA
	YM8114	Cytokeratin 5 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA	中心体/纺锤体标志物	YM8488	PLK1 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA
	YM8100	Cytokeratin 8 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA		YM8659	γ-Tubulin Rabbit mAb	Human, Mouse, Rat	WB, IF, IP, ELISA
纤毛标志物	YM8324	Vimentin Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA		YM8147	LC3B Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA
	YM8487	IFT88 Rabbit mAb	Human, Mouse, Rat	WB, IF, ELISA	自噬相关标志物	YM8340	ATG5 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA
小窝标志物	YM8381	Caveolin-1 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA		YM8333	Bcl-1 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA
	YM9252	ALDH1L1 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA		YM8072	LC3A Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA
星形胶质细胞标志物	YM8297	S100β Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA		YM8745	SQSTM1/p62 Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, ELISA
	YM4281	CD71 Mouse mAb	Human	WB, IF, ELISA					
循环内体标志物	YM8213	Transferrin Receptor Rabbit mAb	Human, Mouse, Rat	WB, IHC, IF, IP, ELISA					

常用试剂

货号	产品名称	规格	目录价格	货期
D02250	蛋白 Marker(10-180KD)	250μL;250μL*2;250μL*10	198;390;1880	现货
D03250	蛋白 Marker(10-250KD)	250μL;250μL*2;250μL*10	198;390;1880	现货
RS0024	动物细胞和组织总蛋白提取试剂盒	5Test;50Test	200;1300	现货
YS0104	电泳液粉剂	50pouches	600	现货
YS0111	转膜液粉剂	50pouches	600	现货
YS0109	快速封闭液 粉剂	10pouches	480	现货
YS0106	PBS粉剂	100pouches	800	现货
YS0108	TBS粉剂	100pouches	1000	现货
YS0130	抗体稀释液 通用型	50mL;100mL;500mL	300;500;1500	现货
YS0122	增强型ECL化学发光液	100mL;500mL	330;1150	现货
YS0123	超敏型ECL化学发光液	100mL;500mL	420;1490	现货
YS0001	抗体稀释液 病理专用	50mL;100mL;500mL	300;500;1500	现货
RS0022	膜再生液Stripping Buffer	100mL;500mL	150;400	现货
RS0054	脱蜡修复二合一溶液20X pH6.0	30mL;100mL;250mL	100;200;400	现货
RS0055	脱蜡修复二合一溶液20X pH9.0	30mL;100mL;250mL	100;200;400	现货
RS0067	脱蜡液	500mL	140	现货
YS0002	抗原修复液 pH6.0	100mL;250mL	60;120	现货
YS0004	抗原修复液 pH9.0	100mL;250mL	60;120	现货
RS0052	免疫组化增强剂	100Test;1000Test	160;590	现货
RS0053	灭活封闭二合一溶液	10mL;100mL	100;300	现货
RS0051	DAB显色试剂盒	100Test;1000Test	280;790	现货
YS0014	DAPI/封片二合一溶液(防淬灭)	5mL	400	现货
YS0016	鬼笔环肽 - AF488 (green)	300test	1980	现货
YS0017	鬼笔环肽 - AF594 (red)	300test	1980	现货
YS0124	温和型抗体剥离液 (多色荧光专用)	5mL;10mL;30mL	190;350;980	现货

常用二抗

货号	产品名称	规格	目录价格	货期
RS0001	Goat Anti Mouse IgG(H+L) (HRP)	100μL;1mL	200;1200	现货
RS0002	Goat Anti Rabbit IgG(H+L) (HRP)	100μL;1mL	200;1200	现货
RS0011	Polymer HRP Goat Anti Mouse/Rabbit IgG(H+L)-S	3mL;10mL;100mL	300;880;6280	现货
RS0003	Goat Anti Mouse IgG(H+L) FITC	100μL;1mL	200;1500	现货
RS0004	Goat Anti Rabbit IgG(H+L) FITC	100μL;1mL	200;1500	现货
RS3211	Goat Anti Rabbit IgG(H+L) (AbFluor 488)	100μL;1mL	200;1200	现货
RS3411	Goat Anti Rabbit IgG(H+L) (AbFluor 555)	100μL;1mL	200;1200	现货
RS3611	Goat Anti Rabbit IgG(H+L) (AbFluor 594)	100μL;1mL	200;1200	现货
RS3811	Goat Anti Rabbit IgG(H+L) (AbFluor 647)	100μL;1mL	200;1200	现货
RS4011	Goat Anti Rabbit IgG(H+L) (AbFluor 680)	100μL;1mL	200;1200	现货
RS4211	Goat Anti Rabbit IgG(H+L) (AbFluor 790)	100μL;1mL	600;3000	现货
RS23720	Goat Anti Rabbit IgG (Dylight 680)	100μL;1mL	200;1200	现货
RS23920	Goat Anti Rabbit IgG (Dylight 800)	100μL;1mL	300;2400	现货
RS3208	Goat Anti Mouse IgG(H+L) (AbFluor 488)	100μL;1mL	200;1200	现货
RS3408	Goat Anti Mouse IgG(H+L) (AbFluor 555)	100μL;1mL	200;1200	现货
RS3608	Goat Anti Mouse IgG(H+L) (AbFluor 594)	100μL;1mL	200;1200	现货
RS3808	Goat Anti Mouse IgG(H+L) (AbFluor 647)	100μL;1mL	200;1200	现货
RS4008	Goat Anti Mouse IgG(H+L) (AbFluor 680)	100μL;1mL	200;1200	现货
RS4208	Goat Anti Mouse IgG(H+L) (AbFluor 790)	100μL;1mL	600;3000	现货
RS23710	Goat Anti Mouse IgG (Dylight 680)	100μL;1mL	200;1200	现货
RS23910	Goat Anti Mouse IgG (Dylight 800)	100μL;1mL	300;2400	现货

发表文章

发表时间	应用immunoway产品发表文章，精选部分文献如下：	货号	抗体名称
2025	Jianchang Xu, et al "A bioinspired polymeric membrane-enclosed insulin crystal achieves long-term, self-regulated drug release for type 1 diabetes therapy." Nature Nanotechnology	YM8306	TNF α Rabbit mAb
2025	Shengjie Ge, et al "Functionalized Nanozyme Microcapsules Targeting Deafness Prevention via Mitochondrial Homeostasis Remodeling." Advanced materials	YM8160	NDUFB8 Rabbit mAb
2025	Yang Jianhong, et al "PD-1-engineered manganese-based nanoplatform loaded with CXCL9 induces ICD and intensifies T-cell infiltration for melanoma treatment." Advanced Composites and Hybrid Materials	YM8327	HMBG1 Rabbit mAb
2025	Deliang Zhu, et al "Enhanced viability and functional maturity of iPSC-derived islet organoids by collagen-VI-enriched ECM scaffolds." Cell Stem Cell	YM8175	Bax Rabbit mAb
2025	Chao Chen, et al "Obesity-driven oleoylcarnitine accumulation in tumor microenvironment promotes breast cancer metastasis-like phenotype." Acta Pharmaceutica Sinica B	YM8871	PAI-1 Rabbit mAb
2025	Yukun Zhang, et al "USP5-Rich Apoptotic Extracellular Vesicles Regulate Nucleus Pulposus Cells Apoptosis and DNA Damage Repair by Preventing E2F1 Proteasomal Degradation." Journal Of Extracellular Vesicles	YM8063	ALIX Rabbit mAb
2025	Haiping Cai, et al "CAF-derived LRRRC15 orchestrates macrophage polarization and limits PD-1 immunotherapy efficacy in glioblastoma." Neuro-oncology	RS0039	鼠兔六标七色荧光检测试剂盒
2025	Can Wang, et al "Early assessment and treatment of ventricular remodeling in vivo via a targeted ultrasonic molecular probe loaded with oxygen and cholecystokinin." Journal Of Nanobiotechnology	YM8306	TNF α Rabbit mAb
2025	Jinyu Liu, et al "TAT-PBX1 fusion protein alleviates LPS-induced acute lung injury via AMPK-TFAM signaling activation." Molecular Therapy	YM8380	mtTFA Rabbit mAb
2025	Lingjie Qian, et al "Homocysteine Induced N6-methyldeoxyadenosine Modification Perturbation Elicits Mitochondria Dysfunction Contributes to the Impairment of Learning and Memory Ability caused by Early Life Stress in Rats." Redox Biology	YM9265	ND1 Rabbit mAb
2025	Mingxun Chen, et al "A bHLH-TF-PD2 module mediates transcriptional regulation to repress seed oil accumulation in Arabidopsis thaliana." Plant Communications	YM8346	HA-Tag Rabbit mAb
2025	Yu Zhang, et al "Irinotecan and dexamethasone prodrg co-loaded liposomes for the treatment of breast cancer." Journal Of Controlled Release	YM8735	HIF-1 α Rabbit mAb
2024	Panpan Jiang, et al "PDGFR α -ITGA11+ fibroblasts foster early-stage cancer lymphovascular invasion and lymphatic metastasis via ITGA11-SELE interplay." Cancer Cell	YM8399	Src Rabbit mAb
2024	Hu Cheng-Qing, et al "PANX1-mediated ATP release confers FAM3A ⁺ s suppression effects on hepatic gluconeogenesis and lipogenesis." Military Medical Research	YM8450	JNK1/2/3 Rabbit mAb
2024	HaoRan Du, et al "ETV2 regulating PHD2-HIF-1 α axis controls metabolism reprogramming promotes vascularized bone regeneration." Bioactive Materials	YM8336	ERK1/2 Rabbit mAb
2024	Yang Yingyue, et al "Interferon-induced transmembrane protein-1 competitively blocks Ephrin receptor A2-mediated Epstein-Barr virus entry into epithelial cells." Nature Microbiology	YM8343	β -actin Rabbit mAb
2024	Kaiwen Bao, et al "A di-acetyl-decorated chromatin signature couples liquid condensation to suppress DNA end synapsis." Molecular Cell	YM8239	HDAC1 Rabbit mAb
2024	Weiya Zeng, et al "Neutrophil Nanodevices Inhibit Tumor Metastasis by Blocking the Interaction between Tumor Cells and Neutrophils." Acs Nano	YM8338	Integrin β 1 Rabbit mAb
2024	Chen Lixia, et al "The lipid-metabolism enzyme EC12 reduces neutrophil extracellular traps formation for colorectal cancer suppression." Nature Communications	YM8618	Myeloperoxidase Rabbit mAb
2024	Xu Xu, et al "RAB37-mediated autophagy guards ovarian homeostasis and function." Autophagy	YM8122	Fibrillarin Rabbit mAb
2024	Wei Zhou, et al "Mussel-Derived and Bioclickable Peptide Mimic for Enhanced Interfacial Osseointegration via Synergistic Immunomodulation and Vascularized Bone Regeneration." Advanced Science	YM8281	Osteopontin Rabbit mAb
2024	Zhiyong Shi, et al "A novel selenium analog of HDAC1-based twin drug induces apoptosis and cell cycle arrest via CDC25A to improve prostate cancer therapy." Theranostics	YM8585	HDAC6 Rabbit mAb
2024	Yanjing Li, et al "Mitochondria-targeted drug delivery system based on tetrahedral framework nucleic acids for bone regeneration under oxidative stress." Chemical Engineering Journal	YM8498	IL-1 β Rabbit mAb
2024	Wang Hongying, et al "LILRB4 on multiple myeloma cells promotes bone lesion by p-SHP2/NF- κ B/RELT signal pathway." Journal Of Experimental & Clinical Cancer Research	YM8336	ERK1/2 Rabbit mAb
2024	Shaojie Dong, et al "A novel multifunctional microneedle patch for synergistic photothermal-gas therapy against maxillofacial malignant melanoma and associated skin defects." Journal Of Nanobiotechnology	YT8054	HIF1AN/FH-1 Rabbit pAb



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