



碧云天生物技术/Beyotime Biotechnology
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 网址: http://www.beyotime.com

IRF7 Rabbit Monoclonal Antibody

产品编号	产品名称	包装
AF2140	IRF7 Rabbit Monoclonal Antibody	50μl

产品简介:

来源	用途	交叉反应性	分子量
Rabbit	WB, IP, IF, IHC, ICC, FC	H, M, R, Z	54 kDa

WB, Western blot; IP, Immunoprecipitation; IF, Immunofluorescence; IHC, Immunohistochemistry; ICC, Immunocytochemistry; FC, Flow Cytometry; ELISA, Enzyme-linked Immunosorbent Assay; ChIP, Chromatin Immunoprecipitation Assay.

H, Human; M, Mouse; R, Rat; C, Chicken; Cw, Cow; Dg, Dog; Gp, Guinea pig; Hm, Hamster; Hr, Horse; Mk, Monkey; Pg, Pig; Rb, Rabbit; S, Sheep; Z, Zebrafish; All, all species expected.

- 配套提供了 Western 一抗稀释液, 可以用于 Western 检测或其它适当用途时的一抗稀释。
- 建议抗体使用时的稀释比例如下(实际使用时需根据抗原水平的高低作适当调整):

WB	IP	IF	IHC	ICC	FC	ELISA	ChIP
1:1,000-1:2,000	1:10-1:50	1:100-1:500	1:50-1:200	1:100-1:500	1:50-1:100	-	-

- 抗体详细信息如下:

About this Antibody	
Name	IRF7 Rabbit Monoclonal Antibody
Category	Rabbit Monoclonal Antibody (RabMAb); Primary antibody
Isotype	IgG
Purification	Affinity purification
About the Immunogen	
Immunogen	Recombinant protein
Gene ID	3665(Human); 54123(Mouse)
SwissProt	Q92985(Human); P70434(Mouse)
Synonyms	IRF-7H; IRF7A; IRF7B; IRF7C; IRF7H
Category	Immunology/Inflammation
Background	Interferon regulatory factor-1 (IRF-1) and IRF-2 have been identified as novel DNA-binding factors that function as regulators of both type I interferon (interferon- α and β) and interferon-inducible genes. The two factors are structurally related, particularly in their N-terminal regions, which confer DNA binding specificity. In addition, both bind to the same sequence within the promoters of interferon- α and interferon- β genes. IRF-1 functions as an activator of interferon transcription, while IRF-2 binds to the same cis elements and represses IRF-1 action. IRF-1 and IRF-2 have been reported to act in a mutually antagonistic manner in regulating cell growth; overexpression of the repressor IRF-2 leads to cell transformation while concomitant overexpression of IRF-1 causes reversion. IRF-1 and IRF-2 are members of a larger family of DNA binding proteins that includes IRF-3, IRF-4, IRF-5, IRF-6, IRF-7 and IFN consensus sequence-binding protein (ICSBP).

包装清单:

产品编号	产品名称	包装
AF2140	IRF7 Rabbit Monoclonal Antibody	50μl
AZ050	Western一抗稀释液	50ml
—	说明书	1份

保存条件:

IRF7 Rabbit Monoclonal Antibody -20°C保存, Western一抗稀释液-20°C或4°C保存, 一年有效。Western一抗稀释液优先推荐4°C保存, 长期不使用可以考虑-20°C保存, 但冻融可能会导致出现轻微的浑浊和少量不溶物。

注意事项:

- 如果本抗体用于Western blot (WB)、免疫荧光(IF)、免疫细胞化学(ICC)等实验, 请注意回收使用过的稀释抗体。回收的抗体通常至少可以重复使用5-10次。稀释后的抗体, 包括已经使用过的稀释抗体, 请4°C保存。
- 回收后重复使用的抗体, 使用方法同新鲜稀释的抗体。如果在重复使用过程中发现抗体出现轻微混浊现象, 可以10,000g离心1-3分钟, 取上清用于后续检测。如果回收的抗体出现明显的絮状物或长霉长菌等情况, 则可以考虑废弃该抗体。
- 提供的Western一抗稀释液也可以用于免疫荧光(IF)、免疫组化(IHC)、免疫细胞化学(ICC)等适当用途。如果希望获得最佳的检测效果, 请考虑使用上述检测专用的一抗稀释液。
- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

使用说明:

请根据抗体的实际用途选择相应的使用方法。

1. Western检测:

- 按照推荐的稀释比例用碧云天提供的Western一抗稀释液稀释抗体。
- 把经过封闭的蛋白膜与稀释好的一抗4°C缓慢摇动过夜或室温缓慢摇动2小时, 确保稀释的抗体至少能在摇动的瞬间覆盖蛋白膜。
- 回收稀释的一抗, 4°C保存以备下次继续使用。
- 按照Western的实验步骤进行后续的洗涤、二抗孵育、洗涤和检测等操作。具体操作可以参考如下网页:

<http://www.beyotime.com/support/western.htm>

2. 免疫染色:

可以使用碧云天生产的免疫染色一抗稀释液(P0103)稀释抗体, 使用后注意回收稀释好的一抗, 具体操作可以参考如下网页:

<http://www.beyotime.com/support/immunol-staining.htm>

3. 其它实验操作请自行参考适当的protocol进行。

4. 代表性图片:

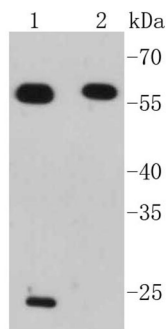


Fig. 1. Western blot analysis of IRF7 on different lysates using anti-IRF7 antibody at 1/1,000 dilution. Positive control: Lane 1: Jurkat; Lane 2: Raji

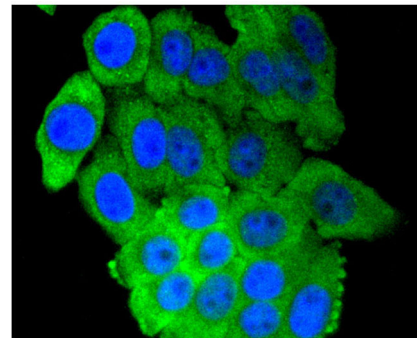


Fig. 2. ICC staining IRF7 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X-100/PBS.

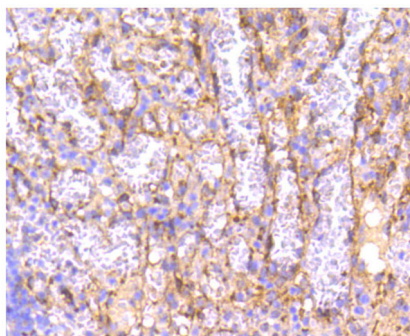


Fig. 3. Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-IRF7 antibody. Counter stained with hematoxylin.

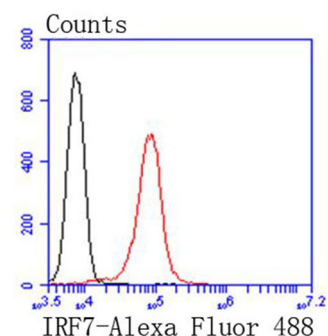


Fig. 4. Flow cytometric analysis of Jurkat cells with IRF7 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

相关产品:

产品编号	产品名称	包装
P0006	Bradford蛋白浓度测定试剂盒	1000次
P0010	BCA蛋白浓度测定试剂盒(增强型)	500次
P0012	BCA蛋白浓度测定试剂盒	500次
P0012A	SDS-PAGE凝胶配制试剂盒	1盒
P0012AC	SDS-PAGE凝胶快速配制试剂盒	1盒
P0013	Western及IP细胞裂解液	100ml
P0013B	RIPA裂解液(强)	100ml
P0014B	SDS-PAGE电泳液	10×1L
P0015	SDS-PAGE蛋白上样缓冲液(5X)	2ml
P0018	BeyoECL Plus(超敏ECL化学发光试剂盒)	共100ml
P0018A	BeyoECL Star(特超敏ECL化学发光试剂盒)	共100ml
P0020	显影定影试剂盒	各1升
P0021B	Western转膜液	10×1L
P0023A	Western一抗稀释液	100ml
P0023B	Western封闭液	100ml
P0023C6	Western洗涤液(10X)	10×100ml
P0023D	Western二抗稀释液	100ml
P0025	Western一抗二抗去除液(强碱性)	250ml
P0066	预染蛋白质分子量标准(19-117kD)	200μl
P0068	彩色预染蛋白质分子量标准(10-180kD)	200μl
P0071	BeyoColor™彩色预染蛋白分子量标准(6.5-270kD)	200μl
P0075	BeyoColor™彩色预染蛋白分子量标准(10-170kD)	200μl
P0078	BeyoColor™彩色预染蛋白分子量标准(15-120kD)	200μl
P0098	免疫染色固定液	100ml
P0102	免疫染色封闭液	100ml
P0103	免疫染色一抗稀释液	100ml
P0106	免疫染色洗涤液	250ml
P0108	免疫荧光染色二抗稀释液	100ml
P0110	免疫染色(非荧光)二抗稀释液	100ml
P0126	抗荧光淬灭封片液	5ml
P0252	QuickBlock™ Western封闭液	100ml
P0256	QuickBlock™ Western一抗稀释液	100ml
P0258	QuickBlock™ Western二抗稀释液	100ml
P0260	QuickBlock™免疫染色封闭液	100ml
P0262	QuickBlock™免疫染色一抗稀释液	100ml
P0265	QuickBlock™免疫荧光染色二抗稀释液	100ml
P0267	QuickBlock™免疫组化染色二抗稀释液	100ml
FFP24	PVDF膜(进口分装, 6.6×8.5cm, 0.2μm)	20张/包装
FFP32	PVDF膜(进口分装, 6.6×8.5cm, 0.45μm)	20张/包装
FFP51	转印滤纸(7.5×10cm)	100片/包装
FF057	X-OMAT BT胶片(原柯达, 5×7英寸)	100张/盒
FFC58	压片暗盒(5×7英寸)	1个

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