抗白细胞介素1α抗体

Anti-IL-1 alpha antibody (RB9A37058070

货号：RB9A37058070

产品描述

中文名称

Anti-IL-1 alpha 抗体（RB9A37058070）

英文名称

Anti-IL-1 alpha antibody (RB9A37058070)

别名

IL1F1 IL1A Interleukin-1 alpha IL-1 alpha Hematopoietin-1

靶点符号

IL1A

产品类型

一抗

关键信息

宿主种属

Rabbit

克隆

Polyclonal

亚型

IgG

不含载体蛋白

No

反应种属

Human Mouse

应用

ICC/IF Flow Cyt WB ELISA IHC-P

免疫原

Recombinant Full Length Protein corresponding to Human IL1A.; P01583

特异性

This antibody is primarily directed against the 17,000 MW human IL-1a and is useful in determining its presence in various assays. In general, this antibody also detects primate IL-1a in the same formats using similar dilutions. The antiserum does not recognize human IL-1b or Mouse or Rabbit IL-1a. In ELISA formats and other immunoreactive assays, this antibody will recognize both the mature 17,000 MW IL-1a as well as the 31,000 MW IL-1a precursor in either non-denatured (native) or denatured samples. Unlike the IL-1b precursor, the native precursor of IL-1a is recognized by the antibody produced to the 17,000 MW form. The 31,000 precursor of IL-1a is biologically active and is found primarily intracellularly. The precursor of IL-1a, unlike that of IL-1b, is biologically active when applied to cells and is thought to have a role as a functional molecule intracellularly and can be found constitutively expressed in various cell. This antibody is also useful for neutralization of human and primate IL-1a activity in bioassays. It does not neutralize the biological activity IL-1b. It does not neutralize the biological activity of mouse, rat or rabbit IL-1a. It will neutralize primate IL-a. For neutralization, it is recommended to incubate the sample with a 1:100 dilution of the antibody for at least 4 hours before being tested. A control of similarly diluted normal rabbit IgG is recommended. This antibody can be used for FACS analysis. Caution should be exhibited as the F(c) domain of the rabbit IgG molecule may interact with cells non-specifically.

反应性数据

应用	应用代码	物种	验证状态	推荐稀释	备注
ELISA	ELISA	Human	保证反应	1/1000 - 1/5000	-
Flow Cytometry	FlowCyt	Human	保证反应	-	RB9A37007601 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
Immunocytochemistry/ Immunofluorescence	ICCIF	Human	保证反应	-	-
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)	IHCP	Human	保证反应	-	-
Western blot	WB	Human	保证反应	1/500 - 1/2000	-
ELISA	ELISA	Mouse	保证反应	1/1000 - 1/5000	-
Flow Cytometry	FlowCyt	Mouse	保证反应	-	RB9A37007601 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
Immunocytochemistry/ Immunofluorescence	ICCIF	Mouse	已验证	1/100	-
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)	IHCP	Mouse	保证反应	-	-

应用	应用代码	物种	验证状态	推荐稀释	备注
Western blot	WB	Mouse	保证反应	1/500 - 1/2000	-
ELISA	ELISA	Primates	预测反应	-	-
Flow Cytometry	FlowCyt	Primates	预测反应	-	-
Immunocytochemistry/ Immunofluorescence	ICCIF	Primates	预测反应	-	-
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)	IHCP	Primates	预测反应	-	-
Western blot	WB	Primates	预测反应	-	-

储存与纯化

形式
Liquid

纯化说明
whole rabbit serum purified by DEAE fractionation

存储溶液
pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 0.88% Sodium chloride, 0.424% Potassium phosphate solution

推荐的短期储存时间
1-2 weeks

储存信息
Avoid freeze / thaw cycle

纯度
IgG fraction

本产品仅供科研使用，不用于临床诊断。