抗白细胞介素1β抗体

Anti-IL-1 beta antibody (RB9A37015384

货号：RB9A37015384

产品描述

中文名称

Anti-IL-1 beta 抗体（RB9A37015384）

英文名称

Anti-IL-1 beta antibody (RB9A37015384)

别名

IL1F2 IL1B Interleukin-1 beta IL-1 beta Catabolin

靶点符号

IL1B

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

应用

WB IHC-P IP ELISA Flow Cyt FuncS (Neut/Block) ICC/IF RIA FuncS IHC-Fr IHC-FoFr

免疫原

Recombinant Full Length Protein corresponding to Human IL1B.; P01584

特异性

In general, this antibody also detects primate IL-1 beta in the same formats using similar dilutions. The antiserum does not recognize human IL-1 alpha. In ELISA formats and other immunoreactive assays, this antibody will recognize 10% of the non-denatured (native) precursor 31,000 MW IL-1 beta containing samples but will primarily detect all of the 17,000 MW mature molecule. However, in immunoblot analysis of natural cell products or human body fluids, the usual procedure of hearing the sample in SDS with or without reducing agents will facilitate denaturing of the 31,000 MW IL- 1 beta precursor molecule. Denatured 31,000 precursor IL-1 beta will be recognized by this antibody but often migrates as a 35,000 MW band. This is due to the unfolding of the denatured precursor IL-1 beta exposing epitopes not exposed in the natural state. In immunoblots, depending on the number of cells, the antibody detects the 17,000 MW band in supernatants as well as a 35,000 MW band representing the 31,000 MW IL-1 beta precursor in lysates.

浓度

2 mg/mL

反应性数据

应用	应用代码	物种	验证状态	备注
ELISA	ELISA	Human	保证反应	-
Flow Cytometry	FlowCyt	Human	保证反应	F(c) domain of rabbit IgG may interact with cells non-specifically! RB9A37007601 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
Functional Studies	FuncS	Human	保证反应	-
Functional Studies (Neut/Block)	FuncSNeutBlock	Human	保证反应	Neutralization of IL-1beta activity in bioassays 1/100 (>4 hours incubation, normal rabbit IgG as negative control). RB9A37015384 does not neutralize the biological activity of murine, rat or rabbit IL1 beta.
Immunocytochemistry/ Immunofluorescence	ICCIF	Human	保证反应	-

应用	应用代码	物种	验证状态	备注
Immunohistochemistry (PFA perfusion fixed frozen sections)	IHCFoFr	Human	保证反应	-
Immunohistochemistry (Frozen sections)	IHCFr	Human	保证反应	-
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)	IHCP	Human	已验证	-
Immunoprecipitation	IP	Human	保证反应	1/400 - 1/800 (pre-clearing with a non-specific rabbit IgG is helpful to reduce background).
Radioimmunoassay	RIA	Human	保证反应	-
Western blot	WB	Human	保证反应	1/1000 - 1/2000 (antigen - supernatants or lysates of 2 x 106 endotoxin-stimulated human PBMC. Denatured 31kDa precursor IL-1beta will be recognized, but often migrates as a 35 kDa band).
ELISA	ELISA	Primates	预测反应	-

应用	应用代码	物种	验证状态	备注
Flow Cytometry	FlowCyt	Primates	预测反应	-
Functional Studies	FuncS	Primates	预测反应	-
Functional Studies (Neut/Block)	FuncSNeutBlock	Primates	预测反应	-
Immunocytochemistry/ Immunofluorescence	ICCIF	Primates	预测反应	-
Immunohistochemistry (PFA perfusion fixed frozen sections)	IHCFoFr	Primates	预测反应	-
Immunohistochemistry (Frozen sections)	IHCFr	Primates	预测反应	-
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)	IHCP	Primates	预测反应	-
Immunoprecipitation	IP	Primates	预测反应	-

应用	应用代码	物种	验证状态	备注
Radioimmunoassay	RIA	Primates	预测反应	-
Western blot	WB	Primates	预测反应	-

储存与纯化

形式
Liquid

纯化工艺
Ion exchange chromatography DEAE-C

纯化说明
This is an IgG preparation of whole rabbit serum purified by DEAE fractionation.

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

储存信息
Avoid freeze / thaw cycle

纯度
IgG fraction

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