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Datasheet for ABIN1169422

Recombinant anti-IL1R2 antibody (Extracellular Domain)

1 Image

Overview

Quantity:	100 µg
Target:	IL1R2
Binding Specificity:	Extracellular Domain
Reactivity:	Mouse
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant mouse IL-1R2 (extracellular domain).
Clone:	Praxy-1-1
Isotype:	IgG2b
Specificity:	Recognizes mouse IL-1R2.
Cross-Reactivity:	Mouse (Murine)
Purification:	Purified from HEK 293 cell culture supernatant.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL-test, Lonza).

Target Details

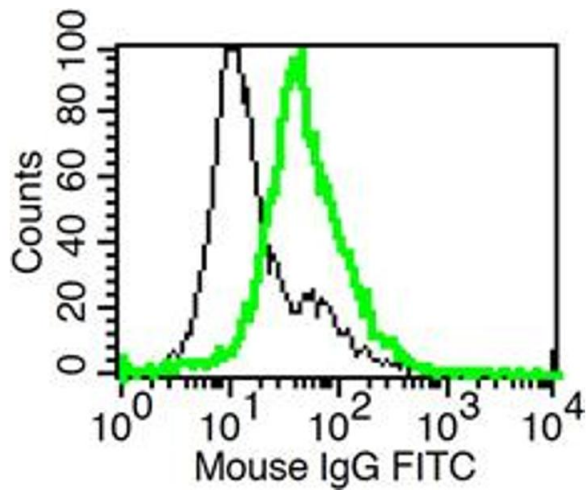
Target:	IL1R2
Alternative Name:	IL-1R2 (IL1R2 Products)
Background:	The inflammatory actions of IL-1alpha and beta depend on their interaction with its receptor, IL-1R1, and can be negatively controlled by several inhibitors such as IL-1Ra, IL-1R type 2 (IL-1R2), SIGIRR and the soluble form of IL-1 receptor accessory protein (IL-1RAcP). IL-1R2 neutralizes IL-1 either as a surface decoy receptor or in a cleaved and secreted form. IL-1R2 is expressed on B cells, on neutrophils and on in vitro expanded human Tregs.
UniProt:	P27931
Pathways:	NF-kappaB Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	IL-1R2 (mouse) monoclonal antibody (recombinant) (Praxy-1-1) is composed of human variable regions (VH and VL) (lambda-chain) of immunoglobulin fused to the mouse IgG2b Fc domain.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	In PBS containing 10 % glycerol and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 1 month after receipt when stored at +4°C. Stable for at least 1 year after receipt when stored at -20°C.
Expiry Date:	12 months



Flow Cytometry

Image 1. Detection of endogenous mouse IL-1R2 with IL-1R2 (mouse), mAb (rec.) (Praxy-1-1). Method: In vitro - cultivated BMN (mouse Neutrophils) (stimulated 24h with hydrocortisone) were stained with IL-1R2 (mouse), mAb (rec.) (Praxy-1-1) (thick green line) or an isotype control (thin black line) at 5 μ g/ml each, revealed with a secondary anti-mouse antibody (FITC) and then analyzed by flow cytometry.