Datasheet for ABIN120264

anti-IL1R1 antibody (Extracellular Domain)

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Overview

Quantity:	0.1 mg
Target:	IL1R1
Binding Specificity:	Extracellular Domain
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This IL1R1 antibody is un-conjugated
Application:	Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Immunogen:	Extracellular domain of murine IL-1R. Spleen cells from immunised Armenian Hamster were fused with cells of the mouse P3X63.Ag 8-653 myeloma cell line.
Clone:	JAMA-147
Isotype:	IgG
Purification:	Affinity chromatography on Protein G

Target Details

Target:	IL1R1
Alternative Name:	CD121a / IL1R1 (IL1R1 Products)
Background:	CD121a is weakly expressed on most cells and tissues including T lymphocytes, thymocytes,

Target Details

	epithelial cells and dendritic cells, with stronger expression reported on fibroblasts. The ligands for CD121a are the interleukin-1 (IL-1) family members, IL-1 alpha, IL-1 beta and IL-1 receptor antagonist. IL-1 is a mediator of inflammation and can elicit a variety of other biological responses through binding to CD121a.Synonyms: IL-1R-alpha, IL1R, IL1RA, IL1RT1, Interleukin-1 receptor alpha, Interleukin-1 receptor type 1, Interleukin-1 receptor type I
Gene ID:	10090
UniProt:	P13504
Pathways:	NF-kappaB Signaling, Carbohydrate Homeostasis, Cancer Immune Checkpoints

Application Details

Application Notes:	Flow Cytometry: Use 10 µL of the suggested working dilution to label 10^6 cells in 100 µL. Immunoprecipitation. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4 containing 0.09 % Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.