

Datasheet for ABIN2660926
anti-IL1R1 antibody (Biotin)



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1 Image

Overview

Quantity:	50 µg
Target:	IL1R1
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This IL1R1 antibody is conjugated to Biotin
Application:	Screening Assay (ScA)

Product Details

Clone:	JAMA-147
Isotype:	IgG
Purification:	The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Target Details

Target:	IL1R1
Alternative Name:	CD121a (IL1R1 Products)
Background:	CD121a is an 80 kD IL-1 receptor type I. It is a transmembrane glycoprotein and a member of the immunoglobulin superfamily expressed on T cells, thymocytes, dendritic cells, fibroblasts, vascular endothelial cells, epithelial cells and neural cells. CD121a binds the mature forms of IL-1α, IL-1β, and IL-1Ra proteins. High affinity binding and signaling by the type I IL-1 receptor

Target Details

requires CD121a and the accessory protein, IL-1R AcP, which does not bind IL-1 alone, but forms a dimer capable of binding IL-1.

Pathways: [NF-kappaB Signaling](#), [Carbohydrate Homeostasis](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

Preservative: Sodium azide

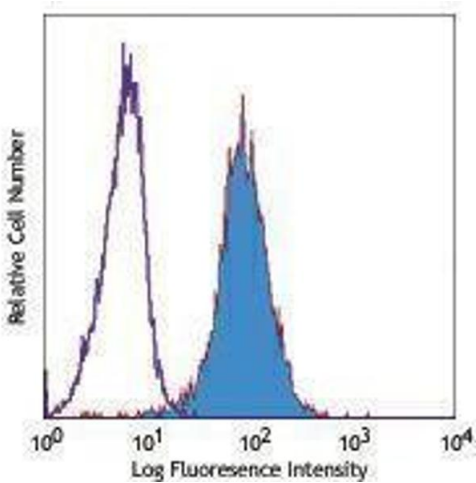
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Do not freeze.

Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.