

Datasheet for ABIN7565963
anti-IL1R1 antibody



[Go to Product page](#)

Overview

Quantity:	25 µL
Target:	IL1R1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL1R1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Purpose:	IL-1 Receptor Type I Antibody
Immunogen:	Immunogen: IL-1 Receptor Type I Antibody was prepared by repeated immunizations with recombinant human IL-1R type I. Immunogen Type: Recombinant Protein
Cross-Reactivity (Details):	The antiserum is directed against the extracellular domain of the human IL-1R type I, but precipitates the intact receptor expressed on human cells.
Characteristics:	Synonyms: IL1RT1 antibody, Interleukin 1 receptor alpha type 1 antibody, Interleukin 1 receptor antagonist protein (IRAP) antibody, Antigen CD121a antibody, CD121A antibody, CD121a antigen antibody, D2S1473 antibody, IL 1 antibody, rabbit anti-IL-1 Receptor Type I Antibody, rabbit anti-interleukin-1 Receptor Type I Antibody
Purification:	This antiserum has been heated to 56°C for 30 minutes.

Product Details

Sterility: Sterile filtered

Target Details

Target:	IL1R1
Alternative Name:	IL1R1 (IL1R1 Products)
Background:	Background: IL-1 Receptor Type I is a cytokine receptor which binds interleukin 1. Anti-IL-1 Receptor Type I antibody is ideal for researchers interested in Immunology, Signal Transduction and Cancer.
Gene ID:	3554
UniProt:	P14778
Pathways:	NF-kappaB Signaling , Carbohydrate Homeostasis , Cancer Immune Checkpoints

Application Details

Application Notes:	Application Note: This antiserum against anti-Human IL-1 Receptor Type I (IL-1RI) has been tested in western blot. This antibody is suitable for use in ELISA, radioimmunoassays and immunoprecipitation. Reactivity in other immunoassays is unknown. This product has been assayed for the ability to immunoprecipitate antigen. A dilution range of 1:400 to 1:800 is suggested for this immunoassay. For immunoprecipitation, pre-clearing with a non-specific rabbit IgG is helpful to reduce background. This product has been assayed by ELISA against soluble (extracellular) IL-1RI using HRP Conjugated Anti-Rabbit IgG [H&L] (Goat) (code # 611-1302) and ABTS as a substrate for 30 minutes at room temperature. A working dilution range of 1:1,000 to 1:2000 is suggested for this product. This product has been assayed by radioimmunoassay against antigen. A dilution of 1:8,000 is suggested for this immunoassay. Flow Cytometry Dilution: User Optimized Immunohistochemistry Dilution: User Optimized Neutralization Dilution: User Optimized Western Blot Dilution: User Optimized Immunoprecipitation Dilution: User Optimized ELISA Dilution: User Optimized Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	84 mg/mL

Handling

Buffer:	Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) 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:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Expiry Date:	12 months