

Anti-IL-1R1/CD121a antibody



Catalog Number: 101955

Product name

Anti-IL-1R1/CD121a antibody

Immunogen

[Human IL-1R1/CD121a \(His Tag\) recombinant protein](#)

Specificity

Human IL1R1 / CD121a

Antibody description

Rabbit polyclonal to IL-1R1/CD121a

Preparation

Produced in rabbits immunized with purified, recombinant Human IL1R1 (rh IL1R1; NP_000868.1; Met 1-Thr 332). IL1R1 specific IgG was purified by human IL1R1 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IP

Dilutions

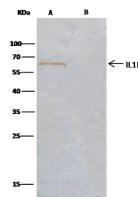
WB: 5-10 µg/mL

ELISA: 0.5-1.0 µg/mL

This antibody can be used at 0.5-1.0 µg/mL with the appropriate secondary reagents to detect Human IL1R1. The detection limit for Human IL1R1 is 0.00245 ng/well.

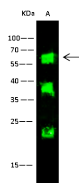
IP: 1-4 µg/mg of lysate

Validations



Items	Lane	A	B
Sample (whole cell lysate)	RAW264.7		
Sample quantity	0.5 mg		
IP antibody type	IL1R1-IP02		Rabbit blank IgG
IP antibody quantity	2 µg		
Protein G agarose	15 µl of 50% Protein G Agarose		
Gel	13% SDS-PAGE reducing gel		
Primary antibody	IL1R1 antibody at 5 µg/ml [Cat# 10126-IP02]		
Secondary antibody	Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution		

IL1R1 / CD121a Antibody, Rabbit PAb, Antigen Affinity Purified, Immunoprecipitation



Items	Lanes	A
Sample (Membrane lysate)	RAW264.7	
Sample Volume (µg/lane)	30	
Gel	13% SDS-PAGE reducing gel	
Recommended Concentration	5-10 µg/ml	
Secondary Antibody	DyLight 800 labeled Antibody to Rabbit IgG (H+L) at 1:5000 dilution.	
Developed using Odyssey imaging system.		
Explanation	Predicted band size : 65 kDa Observed band size : 65 kDa Additional bands at : 38 kDa and 23 kDa [We are unsure as to the identity of these extra bands. They are possible non-specific bindings].	

IL1R1 / CD121a Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot