

Datasheet for ABIN5542457  
**anti-IL1R1 antibody (AA 18-167)**



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5 Images

## Overview

Quantity:	100 µL
Target:	IL1R1
Binding Specificity:	AA 18-167
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL1R1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Purpose:	IL1R1 Antibody
Immunogen:	Purified recombinant fragment of human IL1R1 (AA: 18-167) expressed in E. Coli.
Clone:	4D2D12
Isotype:	IgG1
Purification:	Purified antibody

## Target Details

Target:	IL1R1
Alternative Name:	IL1R1 ( <a href="#">IL1R1 Products</a> )
Background:	Description: This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor

## Target Details

family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor genes on chromosome 2q12.

Aliases: P80, IL1R, IL1RA, CD121A, D2S1473, IL-1R-alpha

Molecular Weight: 65.4kDa

Gene ID: 3554

HGNC: 154

UniProt: [P14778](#)

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

## Application Details

Application Notes: ELISA: 1/10000  
FCM: 1/200 - 1/400

Restrictions: For Research Use only

## Handling

Format: Liquid

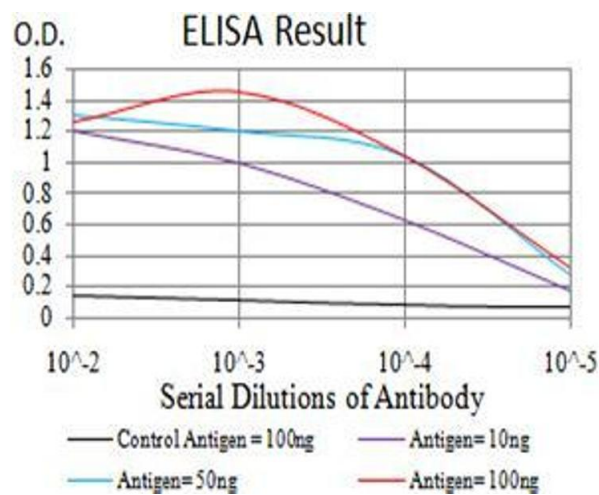
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

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

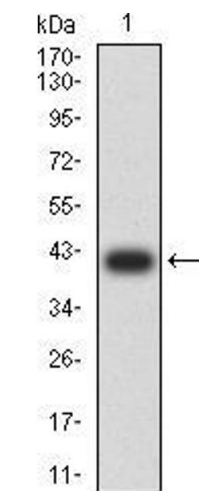
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



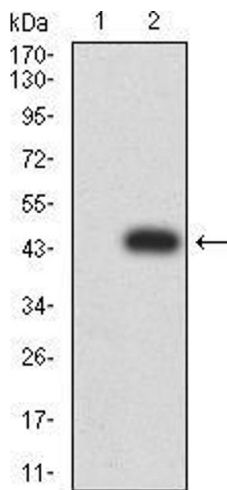
**ELISA**

**Image 1.** Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



**Western Blotting**

**Image 2.** Western blot analysis using IL1R1 mAb against human IL1R1 (AA: 18-167) recombinant protein. (Expected MW is 40.8 kDa)



**Western Blotting**

**Image 3.** Western blot analysis using IL1R1 mAb against HEK293 (1) and IL1R1 (AA: 18-167)-hlgGfC transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542457.