
Product Name: IL1R1 Mouse Monoclonal Antibody**Catalog #: AMM81767**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	65.4kDa

Antigen Information

Gene Name	IL1R1
Alternative Names	P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha
Gene ID	3554.0
SwissProt ID	P14778
Immunogen	Purified recombinant fragment of human IL1R1 (AA: 18-167) expressed in E. Coli.

Background

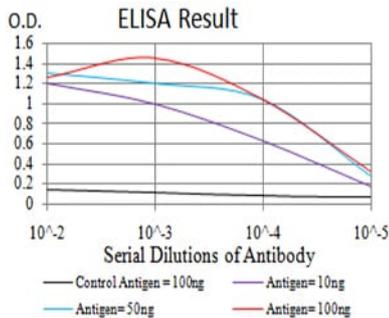
This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses.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

chromosome 2q12.

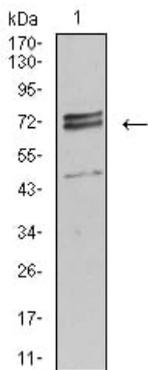
Research Area

TGF-beta signaling pathway, MAPK signaling pathway

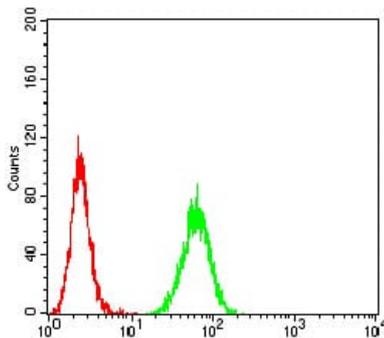
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using IL1R1 mouse mAb against Hela (1) cell lysate.



Flow cytometric analysis of HeLa cells using IL1R1 mouse mAb (green) and negative control (red).