

Anti-IL-1R1 Antibody

Catalog # AP95883

Product Information

Application	WB, FC
Primary Accession	P14778
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	65402

Additional Information

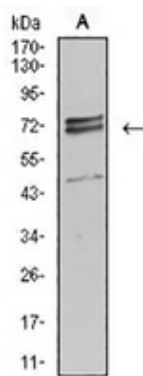
Gene ID	3554
Other Names	IL1R; IL1RA; IL1RT1; Interleukin-1 receptor type 1; IL-1R-1; IL-1RT-1; IL-1RT1; CD121 antigen-like family member A; Interleukin-1 receptor alpha; IL-1R-alpha; Interleukin-1 receptor type I; p80; CD121a
Target/Specificity	Recombinant fusion protein of human IL-1R1 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

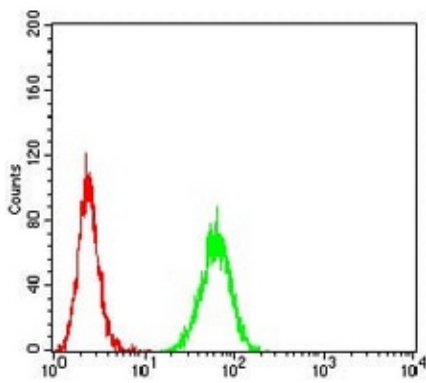
Name	IL1R1
Synonyms	IL1R, IL1RA, IL1RT1
Function	Receptor for IL1A, IL1B and IL1RN (PubMed: 2950091 , PubMed: 37315560). After binding to interleukin-1 associates with the coreceptor IL1RAP to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa- B, MAPK and other pathways. Signaling involves the recruitment of adapter molecules such as TOLLIP, MYD88, and IRAK1 or IRAK2 via the respective TIR domains of the receptor/coreceptor subunits. Binds ligands with comparable affinity and binding of antagonist IL1RN prevents association with IL1RAP to form a signaling complex. Involved in IL1B-mediated costimulation of IFNG production from T-helper 1 (Th1) cells (PubMed: 10653850).
Cellular Location	Membrane; Single- pass type I membrane protein. Cell membrane. Secreted
Tissue Location	Expressed in T-helper cell subsets. Preferentially expressed in T-helper 1 (Th1)

cells.

Images



Western blot analysis of IL-1R1 expression in HeLa (A) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 70 kD)



Flow cytometric analysis of HeLa cells using Anti-IL-1R1 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.