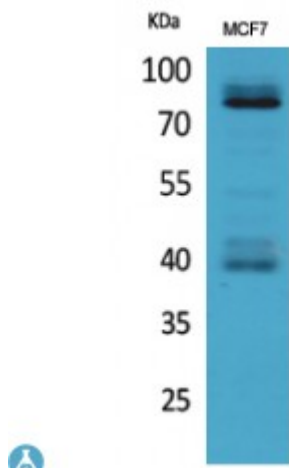


Anti-IL-1RI antibody



Description	Rabbit polyclonal to IL-1RI.
Model	STJ96628
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human IL-1RI.
Immunogen Region	31-80 aa, N-terminal
Gene ID	3554
Gene Symbol	IL1R1
Dilution range	WB 1:500-1:2000IHC-P 1:100-300ELISA 1:20000
Specificity	IL-1RI Polyclonal Antibody detects endogenous levels of IL-1RI protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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 CD antigen CD121a Interleukin-
Molecular Weight	40/75 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5993OMIM:147810
Alternative Names	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 CD antigen CD121a Interleukin-
Function	Receptor for IL1A, IL1B and IL1RN. 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.
Cellular Localization	Membrane Cell membrane Secreted
Post-translational Modifications	A soluble form (sIL1R1) is probably produced by proteolytic cleavage at the cell surface (shedding). Rapidly phosphorylated on Tyr-496 in response to IL-1, which creates a SH2 binding site for the PI 3-kinase regulatory subunit PIK3R1.