

Rabbit anti-Human IL1RL2 Polyclonal Antibody | anti-IL1RL2 antibody

IL1RL2 Antibody (Center)

CATALOG # AAA287848	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

IL1RL2; Polyclonal Antibody; IL1RL2 Antibody (Center); Interleukin-1 receptor-like 2; IL-36 receptor; IL-36R; Interleukin-1 receptor-related protein 2; IL-1Rrp2; IL1R-rp2; IL1RRP2; anti-IL1RL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IL1RL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 257-286 amino acids from the Central region of human IL1RL2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	257-286
Sequence Length	457
Applicable Applications for anti-IL1RL2 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	Expressed in synovial fibroblasts and articular chondrocytes. Expressed in keratinocytes and monocyte-derived dendritic cells. Expressed in monocytes and myeloid dendritic cells; at protein level.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay histogram showing K562 cells stained with AAA287848 (green line). The cells were fixed with 2% paraformaldehyde (10 min). The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AAA287848, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, Dylight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG (1ug/1x10⁶ cells) used under the same conditions. Acquisition of >10, 000 events was performed.

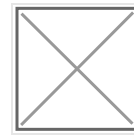


FCM/FACS (Flow Cytometry)

IL1RL2 Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**WB (Western Blot)**

All lanes : Anti-IL1RL2 Antibody (Center) at 1:8000 dilution Lane 1: HL-60 whole cell lysate
Lane 2: U-87 MG whole cell lysate Lane 3: K562 whole cell lysate Lysates/proteins at 20 ug
per lane.Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000
dilution.Predicted band size : 65 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

**WB (Western Blot)**

IL1RL2 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This
demonstrates the IL1RL2 antibody detected the IL1RL2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IL1RL2 antibody	Function: Receptor for interleukin-36 (IL36A, IL36B and IL36G). After binding to interleukin-36 associates with the coreceptor IL1RAP to form the interleukin-36 receptor complex which mediates interleukin-36- dependent activation of NF-kappa-B, MAPK and other pathways (By similarity). The IL-36 signaling system is thought to be present in epithelial barriers and to take part in local inflammatory response; it is similar to the IL-1 system. Seems to be involved in skin inflammatory response by induction of the IL-23/IL-17/IL-22 pathway.
Product Categories/Family for anti-IL1RL2 antibody	Immunology
References	Davila, S., et al. Genes Immun. 11(3):232-238(2010) Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010) Nakki, A., et al. BMC Med. Genet. 11 (1), 50 (2010) : Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009) Solovieva, S., et al. J. Rheumatol. 36(9):1977-1986(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28416902
NCBI GeneID	8808
NCBI Accession #	NP_003845.2
NCBI GenBank Nucleotide #	NM_003854.2
UniProt Accession #	Q9HB29; Q13525; Q45H74; Q53TU8; Q587I8; A4FU63
Molecular Weight	65405
NCBI Official Full Name	interleukin-1 receptor-like 2
NCBI Official Synonym Full Names	interleukin 1 receptor-like 2
NCBI Official Symbol	IL1RL2
NCBI Official Synonym Symbols	IL-36R; IL1RRP2; IL-1Rrp2; IL1R-rp2
NCBI Protein Information	interleukin-1 receptor-like 2
UniProt Protein Name	Interleukin-1 receptor-like 2
UniProt Gene Name	IL1RL2
UniProt Synonym Gene Names	IL1RRP2; IL-36R; IL-1Rrp2; IL1R-rp2
UniProt Entry Name	ILRL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il1rl2-antibody-western-blot-flow-cytometry-elisa/287848>