

IL1RL2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13370c**Specification**

IL1RL2 Antibody (Center) - Product Information

Application	WB, FC,E
Primary Accession	O9HB29
Other Accession	NP_003845.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	65405
Antigen Region	257-286

IL1RL2 Antibody (Center) - Additional Information**Gene ID** 8808**Other Names**

Interleukin-1 receptor-like 2, IL-36 receptor, IL-36R, Interleukin-1 receptor-related protein 2, IL-1Rrp2, IL1R-rp2, IL1RL2, IL1RRP2

Target/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.

Dilution

WB~~1:8000

FC~~1:25

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL1RL2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

IL1RL2 Antibody (Center) - Protein Information**Name** IL1RL2

Synonyms IL1RRP2

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.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

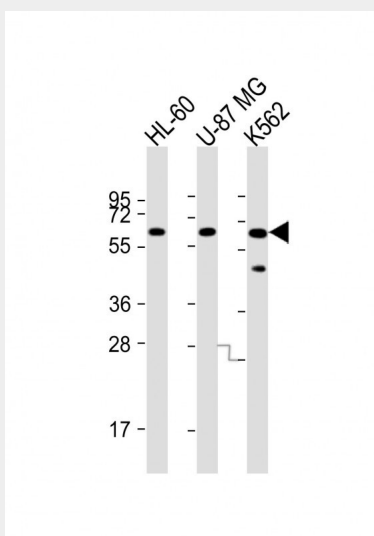
Expressed in synovial fibroblasts and articular chondrocytes. Expressed in keratinocytes and monocyte-derived dendritic cells. Expressed in monocytes and myeloid dendritic cells; at protein level.

IL1RL2 Antibody (Center) - Protocols

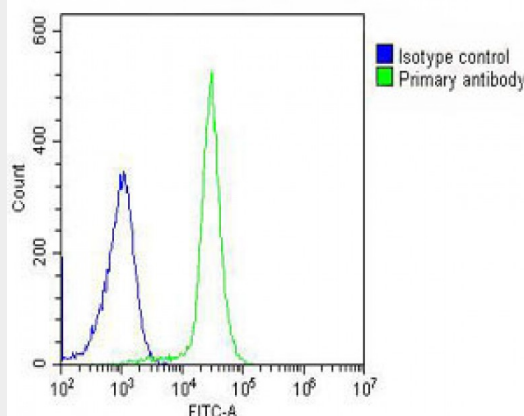
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL1RL2 Antibody (Center) - Images



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 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5% NFDN/TBST.



Overlay histogram showing K562 cells stained with AP13370c (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 (AP13370c, 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 (1µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

IL1RL2 Antibody (Center) - Background

The protein encoded by this gene is a member of the interleukin 1 receptor family. An experiment with transient gene expression demonstrated that this receptor was incapable of binding to interleukin 1 alpha and interleukin 1 beta with high affinity. This gene and four other interleukin 1 receptor family genes, including interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2), interleukin 1 receptor-like 1 (IL1RL1), and interleukin 18 receptor 1 (IL18R1), form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. [provided by RefSeq].

IL1RL2 Antibody (Center) - 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)