

IL1RL2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13370c**Specification**

IL1RL2 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q9HB29](#)**IL1RL2 Antibody (Center) Blocking peptide - 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

The synthetic peptide sequence used to generate the antibody AP13370c was selected from the Center region of IL1RL2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IL1RL2 Antibody (Center) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

IL1RL2 Antibody (Center) Blocking peptide - Images**IL1RL2 Antibody (Center) Blocking peptide - 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) Blocking peptide - 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)