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IL1RL2 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS16774

Specification

IL1RL2 Antibody (Internal) - Product Information

Application	**IHC, IF, WB**
Primary Accession	Q9HB29
Other Accession	8808
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**65405**

IL1RL2 Antibody (Internal) - Additional Information

Gene ID 8808

Other Names
IL1RL2, IL-1Rrp2, IL1R-rp2, IL1RRP2, Interleukin 1 receptor-like 2, Interleukin-1 receptor-like 2, IL-36R

Target/Specificity
IL-1RL2 antibody is human, mouse and rat reactive. At least three isoforms of IL-1RL2 are known to exist; this antibody will detect all three isoforms. IL-1RL2 antibody is predicted to not cross-react with IL-1R or IL-1RL1.

Reconstitution & Storage
PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

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

IL1RL2 Antibody (Internal) - 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

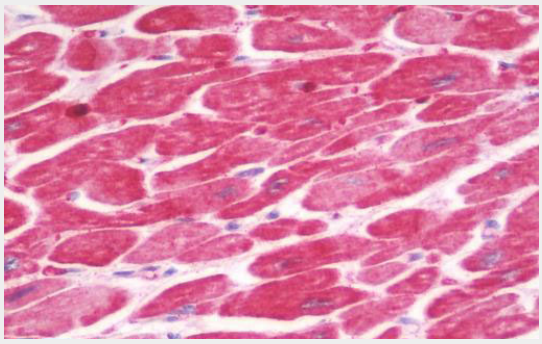
Tissue Location
Expressed in synovial fibroblasts and articular chondrocytes. Expressed in keratinocytes and monocyte-derived dendritic cells. Expressed in monocytes and myeloid dendritic cells; at protein level.

IL1RL2 Antibody (Internal) - Protocols

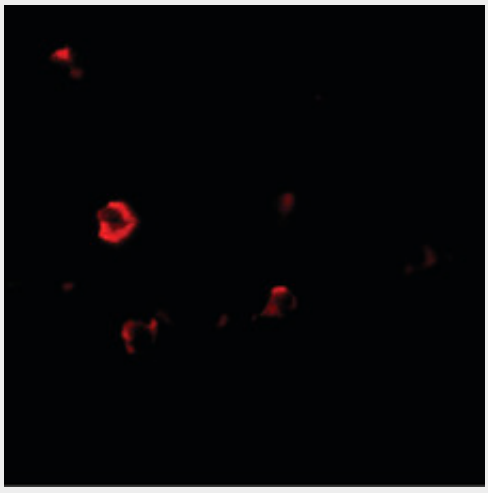
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IL1RL2 Antibody (Internal) - Images



Anti-IL1RL2 antibody IHC staining of human heart.



Immunofluorescence of IL-1RL2 in human small intestine tissue with IL-1RL2 antibody at 20 ug/ml.

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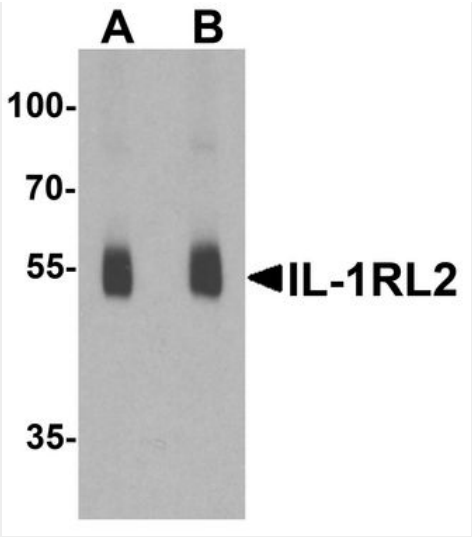

Western blot analysis of IL-1RL2 in human small intestine lysate with IL-1RL2 antibody at (A) 1...

IL1RL2 Antibody (Internal) - Background

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.

IL1RL2 Antibody (Internal) - References

Born T.L.,et al.J. Biol. Chem. 275:29946-29954(2000).
Lovenberg T.W.,et al.J. Neuroimmunol. 70:113-122(1996).
Hillier L.W.,et al.Nature 434:724-731(2005).
Debets R.,et al.J. Immunol. 167:1440-1446(2001).
Magne D.,et al.Arthritis Res. Ther. 8:R80-R80(2006).