

IL1R2 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3235a**Specification**

IL1R2 Antibody (internal region) - Product Information

Application	WB, IF, FC
Primary Accession	P27930
Other Accession	NP_004624.1 , NP_001248348.1 , 7850
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	45421

IL1R2 Antibody (internal region) - Additional Information**Gene ID** 7850**Other Names**

Interleukin-1 receptor type 2, IL-1R-2, IL-1RT-2, IL-1RT2, CD121 antigen-like family member B, CDw121b, IL-1 type II receptor, Interleukin-1 receptor beta, IL-1R-beta, Interleukin-1 receptor type II, CD121b, Interleukin-1 receptor type 2, membrane form, mL-1R2, mL-1RII, Interleukin-1 receptor type 2, soluble form, sIL-1R2, sIL-1RII, IL1R2, IL1RB

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL1R2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

IL1R2 Antibody (internal region) - Protein Information**Name** IL1R2**Synonyms** IL1RB**Function**

Non-signaling receptor for IL1A, IL1B and IL1RN. Reduces IL1B activities. Serves as a decoy receptor by competitive binding to IL1B and preventing its binding to IL1R1. Also modulates cellular response through non-signaling association with IL1RAP after binding to IL1B. IL1R2

(membrane and secreted forms) preferentially binds IL1B and poorly IL1A and IL1RN. The secreted IL1R2 recruits secreted IL1RAP with high affinity; this complex formation may be the dominant mechanism for neutralization of IL1B by secreted/soluble receptors.

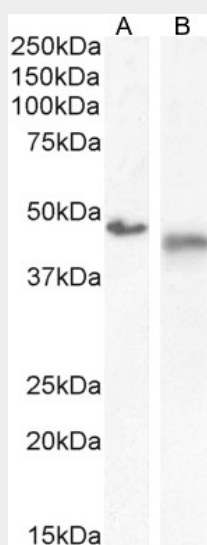
Cellular Location

[Isoform Short]: Secreted

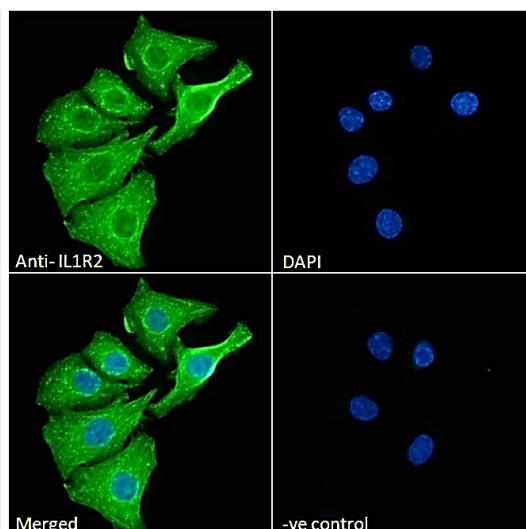
IL1R2 Antibody (internal region) - Protocols

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

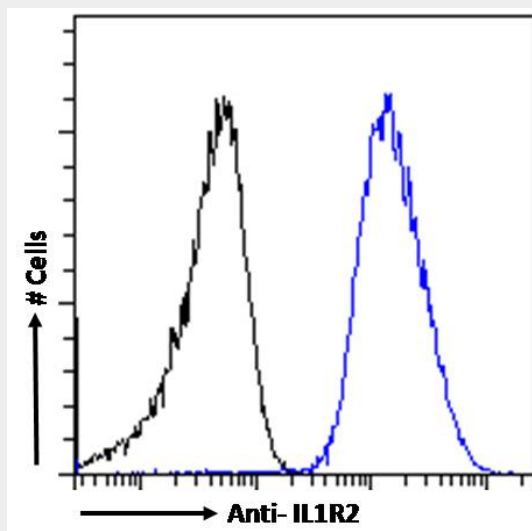
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL1R2 Antibody (internal region) - Images

EB10107 (0.5µg/ml) staining of LNCaP (A) and (1ug/ml) MOLT-4 (B) cell- lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10107 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and cytoplasmic staining. The nuclear sta



EB10107 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) fol

IL1R2 Antibody (internal region) - Background

This antibody is expected to cross-react with both reported isoforms (NP_004624.1; NP_001248348.1). Reported variants represent identical protein: NP_775465.1, NP_004624.1

IL1R2 Antibody (internal region) - References

Gene-expression profiles in human nasal polyp tissues and identification of genetic susceptibility in aspirin-intolerant asthma. Sekigawa T, Tajima A, Hasegawa T, Hasegawa Y, Inoue H, Sano Y, Matsune S, Kurono Y, Inoue I, Clinical and experimental allergy : journal of the British Society for Allergy and Clinical Immunology 2009 Jul 39 (7): 972-81. PMID: 19489917