

## IL1RN Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant IL1RN.

Catalog # AT2513a

### Specification

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#### IL1RN Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	<a href="#">P18510</a>
Other Accession	<a href="#">BC009745</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	20055

#### IL1RN Antibody (monoclonal) (M01) - Additional Information

Gene ID 3557

##### Other Names

Interleukin-1 receptor antagonist protein, IL-1RN, IL-1ra, IRAP, ICIL-1RA, IL1 inhibitor, Anakinra, IL1RN, IL1F3, IL1RA

##### Target/Specificity

IL1RN (AAH09745, 1 a.a. ~ 159 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### Dilution

WB ~ 1:500 ~ 1000

##### Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

##### Precautions

IL1RN Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

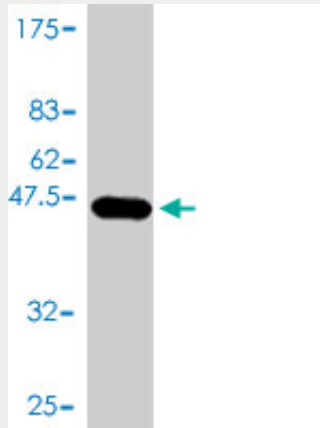
#### IL1RN Antibody (monoclonal) (M01) - Protocols

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

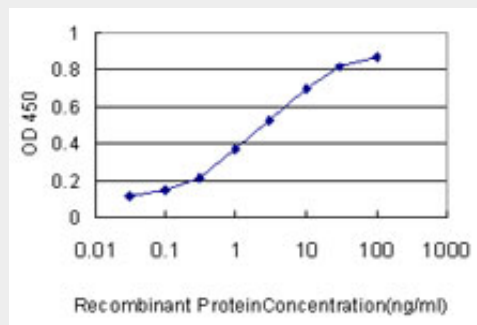
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### IL1RN Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (43.23 KDa) .



Detection limit for recombinant GST tagged IL1RN is approximately 0.03ng/ml as a capture antibody.

### IL1RN Antibody (monoclonal) (M01) - Background

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

### IL1RN Antibody (monoclonal) (M01) - References

A genetic association study of maternal and fetal candidate genes that predispose to preterm prelabor rupture of membranes (PROM). Romero R, et al. Am J Obstet Gynecol, 2010 Jul 29. PMID 20673868. High-density polymorphisms analysis of 23 candidate genes for association with bone mineral density. Giroux S, et al. Bone, 2010 Jul 30. PMID 20654748. [Correlation of IL-1beta-511 and IL-1RN VNTR gene polymorphism to coronary heart disease: a Meta-analysis.] Chen F, et al. Nan Fang Yi Ke Da Xue Xue Bao, 2010 Jul. PMID 20650788. Interleukin-1B and interleukin-1 receptor

antagonist gene polymorphisms are not associated with premalignant gastric conditions: a combined haplotype analysis. Kupcinkas L, et al. Eur J Gastroenterol Hepatol, 2010 Oct. PMID 20631624. Interleukin-1A +4845(G>T) polymorphism is a factor predisposing to acne vulgaris. Szab? K, et al. Tissue Antigens, 2010 Jul 11. PMID 20630038.