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IL1RN Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant IL1RN.
Catalog # AT2513a

Product Information

Application	WB, E
Primary Accession	P18510
Other Accession	BC009745
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	M1-B9
Calculated MW	20055

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 E~~N/A
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.

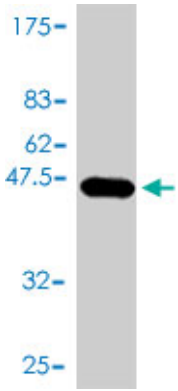
Background

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.

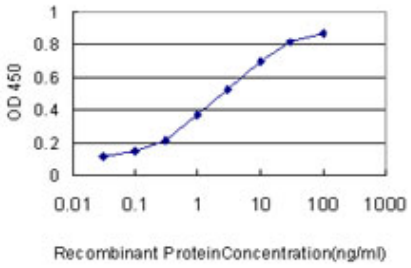
References

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. Kupcinskas 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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.