

IL1F9 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant IL1F9.

Catalog # AT2511a

Product Information

Application	WB, E
Primary Accession	Q9NZH8
Other Accession	NM_019618
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	8A11
Calculated MW	18721

Additional Information

Gene ID	56300
Other Names	Interleukin-36 gamma, IL-1-related protein 2, IL-1RP2, Interleukin-1 epsilon, IL-1 epsilon, Interleukin-1 family member 9, IL-1F9, Interleukin-1 homolog 1, IL-1H1, IL36G, IL1E, IL1F9, IL1H1, IL1RP2
Target/Specificity	IL1F9 (NP_062564, 1 a.a. ~ 110 a.a) partial 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	IL1F9 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

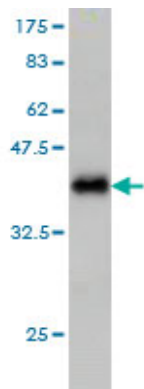
Background

The protein encoded by this gene is a member of the interleukin 1 cytokine family. The activity of this cytokine is mediated by interleukin 1 receptor-like 2 (IL1RL2/IL1R-rp2), and is specifically inhibited by interleukin 1 family, member 5 (IL1F5/IL-1 delta). Interferon-gamma, tumor necrosis factor-alpha and interleukin 1, beta (IL1B) are reported to stimulate the expression of this cytokine in keratinocytes. The expression of this cytokine in keratinocytes can also be induced by a contact hypersensitivity reaction or herpes simplex virus infection. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2.

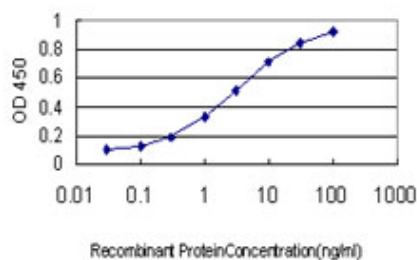
References

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. *Genes Immun*, 2010 Apr. PMID 20237496. The interleukin-1 family gene polymorphisms in Korean patients with rheumatoid arthritis. Jung MY, et al. *Scand J Rheumatol*, 2010 May. PMID 20141484. Interleukin 1 polymorphisms in patients with ankylosing spondylitis in Korea. Kim TJ, et al. *J Rheumatol*, 2008 Aug. PMID 18484691. Generation and annotation of the DNA sequences of human chromosomes 2 and 4. Hillier LW, et al. *Nature*, 2005 Apr 7. PMID 15815621. Transcriptional response of bronchial epithelial cells to *Pseudomonas aeruginosa*: identification of early mediators of host defense. Vos JB, et al. *Physiol Genomics*, 2005 May 11. PMID 15701729.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



Detection limit for recombinant GST tagged IL1F9 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'.