

IL1F9 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant IL1F9.****Catalog # AT2511a****Specification**

IL1F9 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O9NZH8
Other Accession	NM_019618
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	18721

IL1F9 Antibody (monoclonal) (M01) - 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

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.

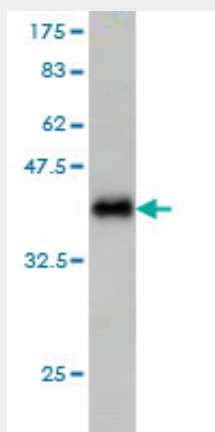
IL1F9 Antibody (monoclonal) (M01) - Protocols

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

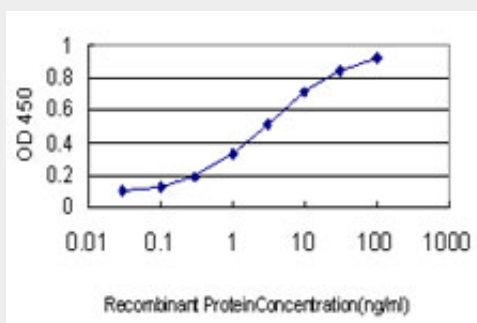
- [Western Blot](#)
- [Blocking Peptides](#)

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

IL1F9 Antibody (monoclonal) (M01) - 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.

IL1F9 Antibody (monoclonal) (M01) - 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.

IL1F9 Antibody (monoclonal) (M01) - 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.