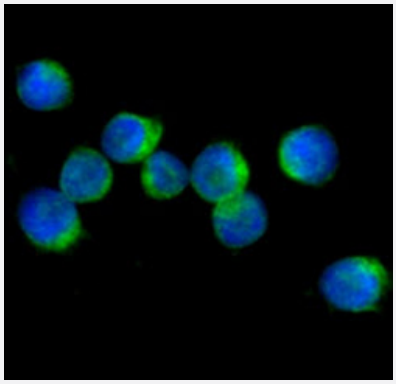
IL32 monoclonal antibody, clone AT2F9

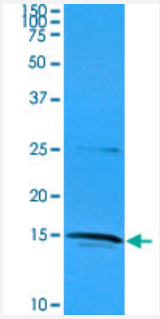
Catalog # MAB9712 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence analysis of Jurkat cells. The cell was stained with IL32 monoclonal antibody, clone AT2F9 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate (35 ug) with IL32 monoclonal antibody, clone AT2F9 (Cat # MAB9712) at 1 : 1000 dilution. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant IL32.
Immunogen	Recombinant protein corresponding to amino acids 1-131 of human IL32.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification

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Concentration	1 mg/mL
Isotype	IgG1, kappa
Recommend Usage	ELISA Immunocytochemistry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescence analysis of Jurkat cells. The cell was stained with IL32 monoclonal antibody, clone AT2F9 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

- Immunocytochemistry

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  Western blot analysis of Jurkat cell lysate (35 ug) with IL32 monoclonal antibody, clone AT2F9 (Cat # MAB9712) at 1 : 1000 dilution. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Gene Info — IL32

Entrez GeneID	9235
Protein Accession#	NP_001012651
Gene Name	IL32
Gene Alias	IL-32alpha, IL-32beta, IL-32delta, IL-32gamma, NK4, TAIF, TAIFa, TAIFb, TAIFc, TAIFd
Gene Description	interleukin 32

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Omim ID	606001
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attach ment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrop hage cells. Alternate transcriptional splice variants, encoding different isoforms, have been chara cterized. [provided by RefSeq
Other Designations	natural killer cell transcript 4|natural killer cells protein 4|tumor necrosis factor alpha-inducing facto r

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