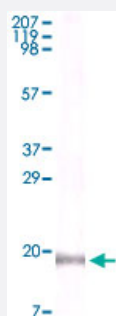


IL16 monoclonal antibody, clone 1F12D7

Catalog # MAB5590

Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot analysis using IL16 monoclonal antibody, clone 1F12D7 (Cat # MAB5590) against truncated IL16 recombinant protein.

Specification

Product Description Mouse monoclonal antibody raised against recombinant IL16.

Immunogen Recombinant protein corresponding to IL16.

Host Mouse

Reactivity Human

Form Liquid

Isotype IgG1

Recommend Usage Western Blot (1:500-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

Western blot analysis using IL16 monoclonal antibody, clone 1F12D7 (Cat # MAB5590) against truncated IL16 recombinant protein.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL16

Entrez GeneID	3603
Gene Name	IL16
Gene Alias	FLJ16806, FLJ42735, FLJ44234, HsT19289, IL-16, LCF, prIL-16
Gene Description	interleukin 16 (lymphocyte chemoattractant factor)
Omim ID	603035
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cytokine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. The cytokine function is exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control. Caspase 3 is reported to be involved in the proteolytic processing of this protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000190849 OTTHUMP00000190850 interleukin 16 lymphocyte chemoattractant factor

Publication Reference

- [Molecular and functional analysis of a lymphocyte chemoattractant factor: association of biologic function with CD4 expression.](#)

Cruikshank WW, Center DM, Nisar N, Wu M, Natke B, Theodore AC, Kornfeld H.

PNAS 1994 May; 91(11):5109.

Application: WB, Recombinant protein

Disease

- [Asthma](#)
- [Biliary Tract Neoplasms](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
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- [Edema](#)
- [Endometriosis](#)
- [Esophagitis](#)
- [Genetic Predisposition to Disease](#)
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- [Lupus Erythematosus](#)
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