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.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

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

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 cyto kine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is fou nd 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 re ported 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 fac tor

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Disease

- Asthma
- Biliary Tract Neoplasms
- Bronchiolitis
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Chronic Disease
- Colorectal Neoplasms
- Dermatitis
- Diabetes Mellitus
- DNA Damage
- Edema
- Endometriosis
- Esophagitis
- Genetic Predisposition to Disease
- Graves Disease
- Hepatitis C
- Hypersensitivity
- Infant
- Inflammation
- Kidney Neoplasms
- Leukemia
- Liver Failure
- Lung Neoplasms

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Lupus Erythematosus
- Lymphoma
- Nasopharyngeal Neoplasms
- Pain
- Periodontitis
- Prostate cancer
- Prostatic Neoplasms
- Pulmonary Disease
- Radiation Injuries
- Radiation Pneumonitis
- Recurrence
- Respiratory Syncytial Virus Infections
- Stomach Neoplasms

Copyright © 2023 Abnova Corporation. All Rights Reserved.