

IL16 monoclonal antibody, clone 572

Catalog # MAB6294

Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant IL16.
Immunogen	Recombinant protein corresponding to human IL16.
Host	Mouse
Reactivity	Human
Form	Lyophilized
Isotype	IgG3, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS, pH 7.2
Storage Instruction	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

Applications

- 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

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