

32-5772: Mouse Anti Human Interleukin-16(Clone:PJ2F10AT.)

Clonality :	Monoclonal
Clone Name :	PJ2F10AT.
Application :	ELISA,WB
Gene :	IL16
Gene ID :	3603
Uniprot ID :	Q14005
Format :	Purified
Alternative Name :	IL16,Interleukin-16,LCF,Lymphocyte Chemoattractant Factor,prIL-16,IL-16,FLJ16806,FLJ42735,FLJ44234,HsT19289.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human IL16 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with Recombinant human IL16 amino acids 502-631 purified from E. coli.

Description

IL-16 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 IL-16 is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. IL-16 functions 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. IL-16 stimulates a migratory response in cd4+ lymphocytes, monocytes, and eosinophils. Also induces t-lymphocyte expression of interleukin 2 receptor, ligand for cd4.

Product Info

Amount :	20 µg
Purification :	IL16 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

IL16 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 2,000. Recommended starting dilution is 1:1,000.