

IL-16 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2834
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human IL-16 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	IL16

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Interleukin-16, also known as lymphocyte chemoattractant factor (LCF), is a chemotactic cytokine that stimulates a migratory response in CD4+ lymphocytes, monocytes, and eosinophils through binding to the CD4 receptor . IL-16 induces human T-lymphocyte expression of interleukin 2 receptor and upregulates major histocompatibility complex II molecules on resting human T lymphocyte. It is able to render CD4+ T cells unresponsive to TCR/CD3 stimuli. Moreover, IL-16 inhibits the replication of T cell and monocyte tropic HIV strains in vitro.

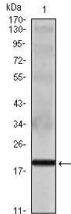
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using IL16 mouse mAb against IL16 recombinant protein.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.