

## IL-16 Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0766
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of human IL-16 expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Pro-interleukin-16
<b>Synonyms</b>	IL16; Pro-interleukin-16

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

### Background

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. Alternate splicing results in multiple transcript variants.

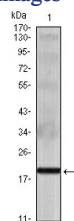
### Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using IL-16 Monoclonal antibody against IL-16 recombinant protein.

### Storage

-20°C for one year