

## Product datasheet for **AM06082SU-N**

### IL16 Mouse Monoclonal Antibody [Clone ID: 5D8]

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	5D8
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	<b>Western Blot:</b> 1/500 - 1/2000. <b>ELISA:</b> 1/10000.
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Purified recombinant fragment of Human IL-16 expressed in E. Coli.
<b>Formulation:</b>	State: Ascites State: Ascitic fluid Preservative: 0.03% Sodium Azide
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	interleukin 16
<b>Database Link:</b>	<a href="#">Entrez Gene 3603 Human Q14005</a>



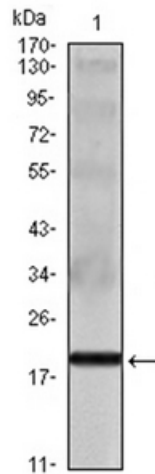
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**Background:**

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.

**Synonyms:**

IL-16, LCF

**Product images:**

Western blot analysis using IL16 antibody Cat.-  
No AM06082SU-N against IL16 recombinant  
protein.