



20150116ML

# Anti-Mouse IL-16 (#3G41)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>103-M410</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat) immunized with mouse recombinant protein of IL-16.

## Target Background

<b>Synonyms (Target):</b>	Il16; mKIAA4048
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Interleukin 16 (IL-16), also named lymphocyte chemoattractant factor (LCF), is a 14-17 kDa single chain non-glycosylated polypeptide that was originally identified as a CD8+ T cell-derived chemoattractant for CD4+ cells. The expression of IL-16 precursor mRNA has been detected in various tissues including spleen, thymus, lymph nodes, peripheral leukocytes, bone marrow and cerebellum. In addition to its chemotactic properties, IL-16 has also been shown to suppress HIV-1 replication in vitro.

## Database References Target

<b>Protein RefSeq:</b>	NP_034681.2
<b>Uniprot ID:</b>	O54824
<b>mRNA RefSeq:</b>	NM_010551.3

## Product Specifications

<b>Host</b>	Rat
<b>Reactivity against</b>	Mouse
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#3G41)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein A/G chromatography
<b>Antigen</b>	Mouse recombinant protein of IL-16
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS (sterile)

**Reconstitution:** Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks: Remarks:** This antibody detects specifically mouse IL-17 with WB.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:  
WB

**Recommended usage:**

**WB:** 1:50-200

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**