Il-16 (IL16) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL-16 (IL16), Polyclonal Antibody
Full Product Name	Anti-IL-16 Antibody, Rabbit Polyclonal
Product Gene Name	anti-IL16 antibody
Product Synonym Names	IL16 Antibody, Rabbit PAb; interleukin 16; Anti-mKIAA4048 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid; 0.2um filtered solution in PBS
Purity/Purification	Protein A
Specificity	Mouse IL16
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Molecular Weight	66,471 Da
3D Structure	ModBase 3D Structure for O54824
Immunogen	Recombinant Mouse IL16 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse IL16. Total IgG was purified by Protein A affinity chromatography.
Applications Tested/Suitable for anti-IL16 antibody	ELISA (EIA)
Application Notes for anti-IL16 antibody	ELISA: 1:1000-1:2000
Related Product Information for anti-IL16 antibody	MBS8112425 is an antibody targeting IL16. Also known as Anti-IL-16 Antibody, Rabbit Polyclonal. Reactive in Mouse. Host: Rabbit.
Product References and Citations for anti-IL16 antibody	Maciaszek JW, et al. (1997) IL-16 represses HIV-1 promoter activity. J Immunol. 158(1): 5-8.Zhou P, et al. (1997) Human CD4+ cells transfected with IL-16 cDNA are resistant to HIV-1 infection: inhibition of mRNA expression. Nat Med. 3(6): 659-64.Theodore AC, et al. (1996) CD4 ligand IL-16 inhibits the mixed lymphocyte reaction. J Immunol. 157(5): 1958-64.
Other Notes	Small volumes of anti-IL16 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL16. It may not necessarily be applicable to this product.

NCBI GI #	52138550

NCBI GeneID	16170
NCBI Accession #	NP_034681.2
UniProt Primary Accession #	O54824
UniProt Secondary Accession #	O70236; Q3TEM4; Q5DTR5; Q8R0G5; Q9QZP6
UniProt Related Accession #	O54824
GenBank Nucleotide #	NM_010551.3
NCBI Official Full Name	pro-interleukin-16
NCBI Official Synonym Full Names	interleukin 16
NCBI Official Symbol	Il16
NCBI Official Synonym Symbols	mKIAA4048
UniProt Protein Name	Pro-interleukin-16
UniProt Synonym Protein Names	Lymphocyte chemoattractant factor; LCF
Protein Family	Pro-interleukin
UniProt Gene Name	Il16
UniProt Synonym Gene Names	IL-16; LCF
UniProt Entry Name	IL16_MOUSE
NCBI Protein Information	pro-interleukin-16
UniProt Comments for IL16	IL16: Interleukin-16 stimulates a migratory response in CD4+ lymphocytes, monocytes, and eosinophils. Primes CD4+ T-cells for IL-2 and IL-15 responsiveness. Also induces T-lymphocyte expression of interleukin 2 receptor. Ligand for CD4. 3 isoforms of the human protein are produced by alternative promoter. Protein type: Cytokine; DNA-binding; Motility/polarity/chemotaxis Cellular Component: extracellular space; cytoplasm; plasma membrane; extracellular region; intracellular; nucleus Molecular Function: protein binding; cytokine activity Biological Process: regulation of transcription, DNA-dependent; transcription, DNA-dependent; leukocyte chemotaxis; chemotaxis; induction of positive chemotaxis
Research Articles on IL16	**1.** Data indicate that knockdown of translocator protein TSPO by siRNAhad showed no effect on the productions of TNF-alpha, IL-1beta and IL-6 in lipopolysaccharide (LPS)-stimulated BV-2 microglia cells.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-il16-mouse-antibody/il-16/8112425