Interleukin 3 (IL3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Interleukin 3 (IL3), Polyclonal Antibody
Full Product Name	PE-Linked Polyclonal Antibody to Interleukin 3 (IL3)
Product Gene Name	anti-IL3 antibody
Product Synonym Names	MCGF; MULTI-CSF; MCSF; M-CSF; Multiple; Multilineage-Colony-Stimulating Factor; Hematopoietic Growth Factor; P-Cell Stimulating Factor; Mast-Cell Growth Factor
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Concentration	>=100ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: IL3 (MBS2033804) PE Conjugated Antibody: IL3 (MBS2036935)
Matching Pairs	PE Conjugated Antibody: IL3 (MBS2036935) Immunogen: IL3 (MBS2034397)
Molecular Weight	17,233 Da
OMIM	M14743 mRNA
3D Structure	ModBase 3D Structure for P08700
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	IL3 (Asp33~Cys166)
Conjugation	PE
Cross Reactivity	Mouse
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2033804
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-IL3 antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-IL3 antibody	MBS2036935 is an antibody targeting IL3. Also known as PE-Linked Polyclonal Antibody to Interleukin 3 (IL3). Reactive in Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-IL3 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 IL3. It may not necessarily be applicable to this product.

NCBI GI #	28416915
NCBI GeneID	3562

NCBI Accession #	NP_000579.2
UniProt Primary Accession #	P08700
UniProt Secondary Accession #	Q6GS87
UniProt Related Accession #	P08700
GenBank Nucleotide #	NM_000588.3
NCBI Official Full Name	interleukin-3
NCBI Official Synonym Full Names	interleukin 3
NCBI Official Symbol	IL3
NCBI Official Synonym Symbols	IL-3; MCGF; MULTI-CSF
UniProt Protein Name	Interleukin-3
UniProt Synonym Protein Names	Hematopoietic growth factor; Mast cell growth factor; MCGF; Multipotential colony-stimulating factor; P-cell-stimulating factor
Protein Family	Interleukin
UniProt Gene Name	IL3
UniProt Synonym Gene Names	IL-3; MCGF
NCBI Protein Information	interleukin-3
NCBI Summary for IL3	The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders. [provided by RefSeq, Jul 2008]
UniProt Comments for IL3	IL3: Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. Belongs to the IL-3 family. Protein type: Apoptosis; Cell cycle regulation; Cytokine; Oncoprotein; Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 5q31.1 Cellular Component: extracellular region; extracellular space Molecular Function: cytokine activity; interleukin-3 receptor binding; protein-tyrosine kinase activity; Ras guanyl-nucleotide exchange factor activity Biological Process: cell-cell signaling; cytokine and chemokine mediated signaling pathway; embryonic hemopoiesis; MAPKKK cascade; nervous system development; positive regulation of cell proliferation; positive regulation of DNA replication; positive regulation of myeloid leukocyte differentiation; positive regulation of peptidyl-tyrosine phosphorylation; positive regulation of tyrosine phosphorylation of Stat5 protein
Research Articles on IL3	**1.** results suggest that IL-3 and IL-12p40 could be considered as molecular predictors for recurrent wheezing due to RSV infection
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.

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