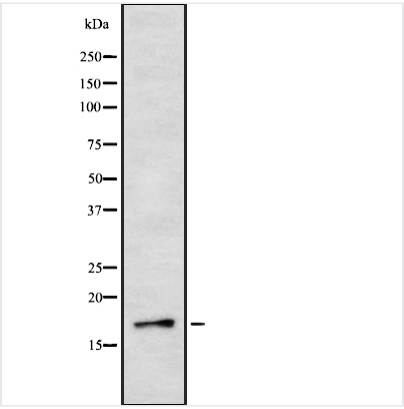
IL3 Antibody

PRODUCT OVERVIEW

Product Name	IL3, Antibody
Full Product Name	IL3 Antibody
Product Gene Name	anti-IL3 antibody
Molecular Weight	17,233 Da
OMIM	147740
3D Structure	ModBase 3D Structure for P08700
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-IL3 antibody	MBS8517996 is an antibody targeting IL3. Also known as IL3 Antibody.
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.



Western Blot (WB) of anti-IL3 antibody
Western blot analysis IL3 using Jurkat whole cell lysates

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	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.
Research Articles on IL3	**1.** The present study demonstrates for the first time that IL-3 has an important role in enhancing the migration of human MSCs through regulation of the CXCR4/SDF-1alpha axis. These findings suggest a potential role of IL-3 in improving the efficacy of MSCs in regenerative cell therapy.
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