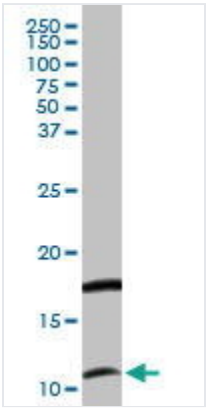
CXCL11 Antibody – Rabbit Polyclonal

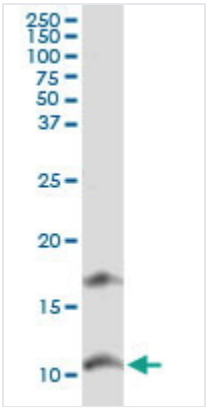
PRODUCT OVERVIEW

Product Name	CXCL11, Polyclonal Antibody
Full Product Name	CXCL11 (TAC, SCYB11, SCYB9B, C-X-C Motif Chemokine 11, Beta-R1, H174, Interferon gamma-inducible Protein 9, Interferon-inducible T-cell alpha Chemoattractant, Small-inducible Cytokine B11) (Biotin)
Product Gene Name	anti-CXCL11 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CXCL11. Species Crossreactivity: mouse.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	10,365 Da
Chromosome Location	Chromosome: 4; NC_000004.11 (76954835..76957350, complement). Location: 4q21.2
OMIM	604852
3D Structure	ModBase 3D Structure for O14625
Immunogen	Full length human CXCL11, aa1-94 (NP_005400.1).
Immunogen Sequence	MSVKGMAIALAVILCATVVQGFPMFKRGRCLCIGPGVKAVKVADIEKASIMYPSNNCDKIEVIITLKENKGQRCLNPKSKQARLIIKKVERKNF
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-CXCL11 antibody	MB-Antibodies; Growth Factors; CXCL
Applications Tested/Suitable for anti-CXCL11 antibody	Western Blot (WB)
Application Notes for anti-CXCL11 antibody	Applications are based on unconjugated antibody.

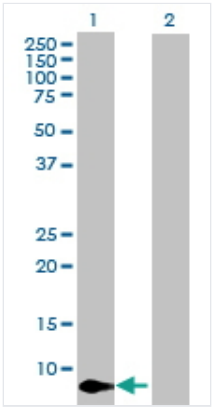
Related Product Information for anti-CXCL11 antibody	Chemokines are a group of small (approximately 8 to 14kD), mostly basic, structurally related molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. Chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. Chemokines are divided into 2 major subfamilies, CXC and CC. This gene is a CXC member of the chemokine superfamily. Its encoded protein induces a chemotactic response in activated T-cells and is the dominant ligand for CXC receptor-3. The gene encoding this protein contains 4 exons and at least three polyadenylation signals which might reflect cell-specific regulation of expression. IFN-gamma is a potent inducer of transcription of this gene.
Other Notes	Small volumes of anti-CXCL11 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.
Searchable Terms for CXCL11 purchase	MBS6375184 is an antibody targeting CXCL11. Also known as CXCL11 (TAC, SCYB11, SCYB9B, C-X-C Motif Chemokine 11, Beta-R1, H174, Interferon gamma-inducible Protein 9, Interferon-inducible T-cell alpha Chemoattractant, Small-inducible Cytokine B11) (Biotin). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-CXCL11 antibody
CXCL11 rabbit polyclonal antibody. Western Blot analysis of CXCL11 expression in Jurkat.



Western Blot (WB) of anti-CXCL11 antibody
CXCL11 rabbit polyclonal antibody. Western Blot analysis of CXCL11 expression in NIH/3T3.



Western Blot (WB) of anti-CXCL11 antibody
Western Blot analysis of CXCL11 expression in transfected 293T cell line by CXCL11 polyclonal antibody. Lane 1: CXCL11 transfected lysate (10.4kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CXCL11. It may not necessarily be applicable to this product.

NCBI GI #	4885589
NCBI GeneID	6373
NCBI Accession #	NP_005400.1
UniProt Primary Accession #	O14625

UniProt Secondary Accession #	Q53YA3; Q92840
UniProt Related Accession #	O14625
GenBank Nucleotide #	NM_005409
NCBI Official Full Name	C-X-C motif chemokine 11
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 11
NCBI Official Symbol	CXCL11
NCBI Official Synonym Symbols	IP9; H174; IP-9; b-R1; I-TAC; SCYB11; SCYB9B
UniProt Protein Name	C-X-C motif chemokine 11
UniProt Synonym Protein Names	Beta-R1; H174; Interferon gamma-inducible protein 9; IP-9; Interferon-inducible T-cell alpha chemoattractant; I-TAC; Small-inducible cytokine B11
Protein Family	C-X-C motif chemokine
UniProt Gene Name	CXCL11
UniProt Synonym Gene Names	ITAC; SCYB11; SCYB9B; IP-9; I-TAC
UniProt Entry Name	CXL11_HUMAN
NCBI Protein Information	C-X-C motif chemokine 11; beta-R1; small inducible cytokine B11; small-inducible cytokine B11; interferon gamma-inducible protein 9; interferon-inducible T-cell alpha chemoattractant; small inducible cytokine subfamily B (Cys-X-Cys), member 11; small indu
UniProt Comments for CXCL11	CXCL11: Chemotactic for interleukin-activated T-cells but not unstimulated T-cells, neutrophils or monocytes. Induces calcium release in activated T-cells. Binds to CXCR3. May play an important role in CNS diseases which involve T-cell recruitment. May play a role in skin immune responses. Belongs to the intercrine alpha (chemokine CxC) family. Protein type: Motility/polarity/chemotaxis; Chemokine; Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 4q21.2 Cellular Component: extracellular space; extracellular region Molecular Function: heparin binding; protein binding; CXCR3 chemokine receptor binding; chemokine activity Biological Process: G-protein coupled receptor protein signaling pathway; cell-cell signaling; immune response; positive regulation of leukocyte chemotaxis; response to lipopolysaccharide; positive regulation of release of sequestered calcium ion into cytosol; positive regulation of cAMP metabolic process; signal transduction; chemotaxis; inflammatory response; regulation of cell proliferation
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