CXCL6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CXCL6, Polyclonal Antibody
Full Product Name	CXCL6 Antibody
Product Gene Name	anti-CXCL6 antibody
Product Synonym Names	GCP2; CKA-3; GCP-2; SCYB6
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification
Specificity	The antibody detects endogenous levels of total CXCL6 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	11,897 Da
OMIM	138965
3D Structure	ModBase 3D Structure for P80162
Immunogen	Synthetic peptide of human CXCL6
Product Categories/Family for anti-CXCL6 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CXCL6 antibody	Immunohistochemistry (IHC)
Application Notes for anti-CXCL6 antibody	IHC: 1:100-300
Related Product Information for anti-CXCL6 antibody	Chemotactic for neutrophil granulocytes. Signals through binding and activation of its receptors (CXCR1 and CXCR2). In addition to its chemotactic and angiogenic properties, it has strong antibacterial activity against Gram-positive and Gram-negative bacteria (90-fold-higher when compared to CXCL5 and CXCL7)
Other Notes	Small volumes of anti-CXCL6 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 CXCL6 purchase	MBS8594313 is an antibody targeting CXCL6. Also known as CXCL6 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CXCL6. It may not necessarily be applicable to this product.

NCBI GI #	4506851
NCBI GeneID	6372

NCBI Accession #	NP_002984.1
UniProt Primary Accession #	P80162
UniProt Secondary Accession #	Q4W5D4; B2R4X3
UniProt Related Accession #	P80162
GenBank Nucleotide #	NM_002993.3
NCBI Official Full Name	C-X-C motif chemokine 6
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 6
NCBI Official Symbol	CXCL6
NCBI Official Synonym Symbols	GCP2; CKA-3; GCP-2; SCYB6
UniProt Protein Name	C-X-C motif chemokine 6
UniProt Synonym Protein Names	Chemokine alpha 3; CKA-3; Granulocyte chemotactic protein 2; GCP-2; Small-inducible cytokine B6Cleaved into the following 3 chains:Small-inducible cytokine B6, N-processed variant 1; Small-inducible cytokine B6, N-processed variant 2; Small-inducible cytokine B6, N-processed variant 3
Protein Family	C-X-C motif chemokine
UniProt Gene Name	CXCL6
UniProt Synonym Gene Names	GCP2; SCYB6; CKA-3; GCP-2
UniProt Entry Name	CXCL6_HUMAN
NCBI Protein Information	C-X-C motif chemokine 6; Small inducible cytokine subfamily B (Cys-X-Cys), member b; chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2); chemokine alpha 3; small inducible cytokine subfamily B (Cys-X-Cys), member 6 (granulocyte chemotact
UniProt Comments for CXCL6	CXCL6: Chemotactic for neutrophil granulocytes. Belongs to the intercrine alpha (chemokine CxC) family. Protein type: Secreted, signal peptide; Motility/polarity/chemotaxis; Secreted Chromosomal Location of Human Ortholog: 4q13.3 Cellular Component: extracellular space; extracellular region Molecular Function: heparin binding; chemokine activity; CXCR chemokine receptor binding Biological Process: G-protein coupled receptor protein signaling pathway; cell-cell signaling; defense response to bacterium; neutrophil mediated immunity; response to lipopolysaccharide; positive regulation of leukocyte chemotaxis; immune response; chemotaxis; signal transduction; inflammatory response; regulation of cell proliferation
Research Articles on CXCL6	**1.** Expression of the CXCL8, CXCL6 and CXCL1 genes are under the primary control of 1,25-dihydroxyvitamin D3 and its receptor.
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