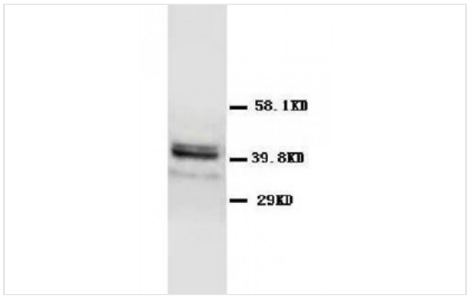
CXCR4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CXCR4, Polyclonal Antibody
Full Product Name	CXCR4 Antibody
Product Gene Name	anti-CXCR4 antibody
Product Synonym Names	Affinity Purified Goat Polyclonal CXCR4 Antibody; Polyclonal CXCR4 antibody; Anti-CXCR4 antibody; CXCR 4; CXCR 4 antibody; CXCR4; CXCR-4; CXCR-4 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Lyophilized Form
Purity/Purification	Affinity Chromatography
Preparation and Storage	Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.
Immunogen	CXCR4 antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence at the N-terminal of human CXCR4, different from the related rat and Rabbit sequences by two amino acids, as the immunogen
Product Categories/Family for anti-CXCR4 antibody	Cytokines & Growth Factors
Applications Tested/Suitable for anti-CXCR4 antibody	Western Blot (WB), Immunohistochemistry (IHC) Paraffin
Related Product Information for anti-CXCR4 antibody	Chemokine receptors are G protein-coupled receptors (GPCRs) and play a key role in inflammation and are characterized by similar sequences with a 4 cysteine motif. CXCR-4 is an alpha-chemokine receptor specific for stromal-derived-factor-1 (SDF-1 also called CXCL12), a molecule endowed with potent chemotactic activity for lymphocytes.
Other Notes	Small volumes of anti-CXCR4 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 CXCR4 purchase	MBS5312631 is an antibody targeting CXCR4. Also known as CXCR4 Antibody. Host: Rabbit.



Western Blot (WB) of anti-CXCR4 antibody
Western Blot using Hela Cell Lysate

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CXCR4. It may not necessarily be applicable to this product.

NCBI GI #	3059120
NCBI GeneID	7852
UniProt Related Accession #	P61073
NCBI Official Full Name	CXCR4
NCBI Official Synonym Full Names	C-X-C motif chemokine receptor 4
NCBI Official Symbol	CXCR4
NCBI Official Synonym Symbols	FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LAP-3; LESTR; NPY3R; NPYRL; WHIMS; HSY3RR; NPYY3R; D2S201E
Protein Family	C-X-C chemokine receptor
NCBI Protein Information	C-X-C chemokine receptor type 4
NCBI Summary for CXCR4	This gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells. Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia, infections, and myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Research Articles on CXCR4	**1.** Study comprising a Barrett's esophagus mouse model and esophageal adenocarcinoma patient data, clearly demonstrates that the chemokine receptor 4 (CXCR4) is upregulated in the immune tumor microenvironment and esophageal progenitor cells, thus presenting a highly attractive target for molecular imaging using dedicated CXCR4-targeted probes.
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