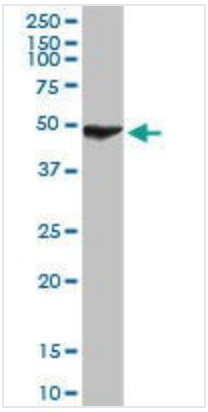
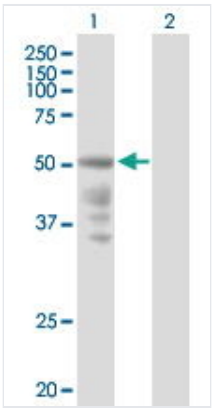
CXCR4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CXCR4, Polyclonal Antibody
Full Product Name	CXCR4 (C-X-C Chemokine Receptor Type 4, FB22, Fusin, HM89, LCR1, Leukocyte-derived Seven Transmembrane Domain Receptor, NPYRL, Strom
Product Gene Name	anti-CXCR4 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CXCR4.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri
Immunogen	Full length human CXCR4, aa1-352 (AAH20968.1).
Immunogen Sequence	MEGISIYTSDNYTEEMGSGDYDSMKEPCFREENANFNKIFLPTIYSIIFLTGIVGNGLVILVMGYQKKLRSMTDKYRLHLSVADLLFVITLPFWAVDAVANWY
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-CXCR4 antibody	Antibodies; Growth Factors; Cytokines
Applications Tested/Suitable for anti-CXCR4 antibody	Western Blot (WB)
Application Notes for anti-CXCR4 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CXCR4 antibody	Receptor for the C-X-C chemokine CXCL12/SDF-1 that transduces a signal by increasing intracellular calcium ion levels and enhancing MAPK1/MAPK processes in endothelial cells. Involved in cerebellar development. In the CNS, could mediate hippocampal-neuron survival. Acts as a coreceptor (CD4
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 neces
Searchable Terms for CXCR4 purchase	MBS6375226 is an antibody targeting CXCR4. Also known as CXCR4 (C-X-C Chemokine Receptor Type 4, FB22, Fusin, HM89, LCR1, Leukocyte-der



Western Blot (WB) of anti-CXCR4 antibody
CXCR4 rabbit polyclonal antibody. Western Blot analysis of CXCR4 expression in human liver.



Western Blot (WB) of anti-CXCR4 antibody
Western Blot analysis of CXCR4 expression in transfected 293T cell line by CXCR4 polyclonal antibody. Lane 1: CXCR4 transfected lysate (39.7kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

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

NCBI GI #	18088083
NCBI GeneID	7852
NCBI Accession #	AAH20968.1
UniProt Related Accession #	P61073
GenBank Nucleotide #	NM_003467
NCBI Official Full Name	Chemokine (C-X-C motif) receptor 4
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 provides new evidence that SDF1 A and CXCR4 T alleles may be associated with a decreased dementia risk
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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