

Mouse anti-Human, Mouse CXCR4 Monoclonal Antibody | anti-CXCR4 antibody

CXCR4 Monoclonal Antibody

CATALOG # AAA36798	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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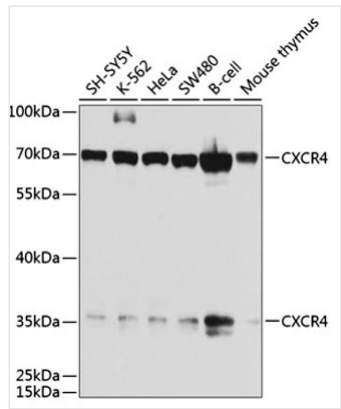
PRODUCT SYNONYMS

CXCR4; Monoclonal Antibody; CXCR4 Monoclonal Antibody; CD184; D2S201E; FB22; HM89; HSY3RR; LAP3; LCR1; LESTR; NPY3R; NPYR; NPYRL; NPY3R; WHIM; anti-CXCR4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	352
Applicable Applications for anti-CXCR4 antibody	WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CXCR4 (NP_003458.1).
Category	Primary antibody
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using CXCR4 antibody (AAA36798) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-CXCR4 antibody	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]
Product Categories/Family for anti-CXCR4 antibody	Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	46577576
NCBI GeneID	7852
UniProt Accession #	P61073; O60835; P30991; P56438; Q53S69; Q9BXA0; Q9UKN2; B2R5N0
Molecular Weight	Observed MW: 36kDa/70kDa Calculated MW: 39kDa/40kDa
NCBI Official Full Name	C-X-C chemokine receptor type 4
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 4
NCBI Official Symbol	CXCR4
NCBI Official Synonym Symbols	FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LAP-3; LESTR; NPY3R; NPYRL; HSY3RR; NPYY3R; D2S201E
NCBI Protein Information	C-X-C chemokine receptor type 4; fusin; CD184 antigen; SDF-1 receptor; LPS-associated protein 3; neuropeptide Y receptor Y3; seven transmembrane helix receptor; stromal cell-derived factor 1 receptor; lipopolysaccharide-associated protein 3; seven-transmembrane-segment receptor, spleen; leukocyte-derived seven transmembrane domain receptor
UniProt Protein Name	C-X-C chemokine receptor type 4
UniProt Gene Name	CXCR4
UniProt Synonym Gene Names	CXC-R4; CXCR-4; LESTR; LAP-3; LPS-associated protein 3; SDF-1 receptor
UniProt Entry Name	CXCR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cxcr4-antibody-western-blot-elisa/36798>