

Mouse anti-Human CXCR3 Monoclonal Antibody | anti-CXCR3 antibody

Mouse anti CXCR3 Monoclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14093	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry

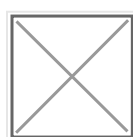
PRODUCT SYNONYMS

CXCR3; Monoclonal Antibody; Mouse anti CXCR3 Monoclonal antibody; Mouse anti-CXCR3; Chemokine CXC Motif receptor 3; CD183; GPR9; IP10R; MIGR; anti-CXCR3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	1C6
Specificity	This antibody recognizes surface expressed CXCR3, and/or PHA or anti-CD3 activated human T cells. The other species are not tested.
Purity/Purification	The mouse IgG1 is purified by Protein A-Affinity Chromatography according to Isotyping
Form/Format	This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer
Concentration	Size: 100 ug/200 ul (varies by lot)
Applicable Applications for anti-CXCR3 antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Application Notes	Western Blot: 0.5-2 ug/ml ELISA: 0.1-1 ug/ml Immunoprecipitation: 2-5 ug/ml Immunohistochemistry: 1:500 Flow Cytometry: 2-5 ug/ml
Antigen Preparation	A 37aa-synthetic peptide corresponding to the N-terminus of human CXCR3 conjugated to KLH.
Positive Control	Transfected CXCR3 Cells
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C-8 degree C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CXCR3 antibody	Chemokine receptors are seven-transmembrane domain G-protein coupled receptors that mediate the biological activities of chemokines. Most of these receptors exhibit promiscuous binding properties whereby several different chemokines signal through the same receptor. They are named according to the chemokine subfamily they bind. There are currently six CXCSpecific receptors designated CXCR1 to CXCR6. This antibody recognizes surface expressed CXCR3, as judged by staining of CXCR3 transfected cells, but not untransfected cells. The antibody also stained human T cells and T cell clones that had been activated in vitro with PHA or anti-CD3. However, the anti-CXCR3 antibody did not react with neutrophils. The CXCR3 receptor is also known as the IP-10 receptor and the Mig receptor.
References	Qin S, et al. The chemokine receptors CXCR3 and CCR5 mark subsets of T cells associated with certain inflammatory reactions. J. Clin. Invest. 101: 746-754, 1998.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218563730
NCBI GeneID	2833
NCBI Accession #	NP_001136269.1
NCBI GenBank Nucleotide #	NM_001142797.1
UniProt Accession #	P49682; O15185; Q7Z710; Q9P2T4; Q9P2T5
Molecular Weight	~41 kDa
NCBI Official Full Name	C-X-C chemokine receptor type 3 isoform 2
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 3
NCBI Official Symbol	CXCR3
NCBI Official Synonym Symbols	GPR9; MigR; CD182; CD183; Mig-R; CKR-L2; CMKAR3; IP10-R
NCBI Protein Information	C-X-C chemokine receptor type 3; CXC-R3; CXCR-3; Mig receptor; IP10 receptor; IP-10 receptor; OTTHUMP00000032170; OTTHUMP00000070257; G protein-coupled receptor 9; chemokine (C-X-C) receptor 3; interferon-inducible protein 10 receptor
UniProt Protein Name	C-X-C chemokine receptor type 3
UniProt Gene Name	CXCR3
UniProt Synonym Gene Names	GPR9
UniProt Entry Name	CXCR3_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.