

Hamster anti-Mouse CD183 Monoclonal Antibody | anti-CD183 antibody

Anti-Mouse CD183 Monoclonal Antibody (PE/Cy5 Conjugated)

CATALOG # AAA174639	HOST Hamster	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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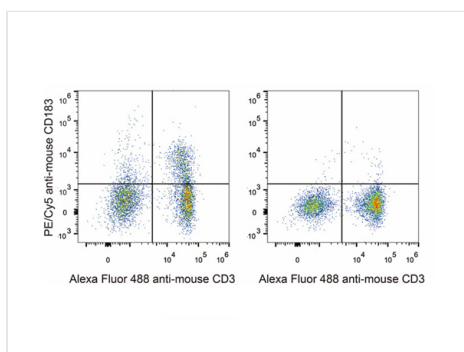
PRODUCT SYNONYMS

CD183; Monoclonal Antibody; Anti-Mouse CD183 Monoclonal Antibody (PE/Cy5 Conjugated); C-X-C chemokine receptor type 3; Cxcr3; CXCR-3; CXCR-3; Interferon-inducible protein 10 receptor; IP-10 receptor; anti-CD183 antibody

PRODUCT SPECIFICATIONS

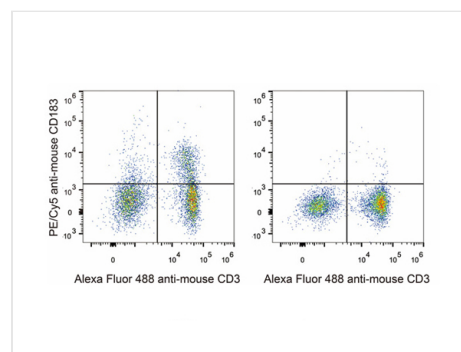
Host	Hamster
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	CXCR3-173
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	367
Applicable Applications for anti-CD183 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE/Cy5
Preparation and Storage	Store at 2-8 degree C and protected from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

C57BL/6 murine splenocytes are stained with Anti-Mouse CD183 Monoclonal Antibody(PE/Cy5 Conjugated)(left). Splenocytes stained with Anti-Mouse CD3 Monoclonal Antibody(Alexa Fluor 488 Conjugated)(right) are used as control.



FCM/FACS (Flow Cytometry)

Flow cytometry antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD183 antibody	CD183, also known as CXCR3, is a member of the C-X-C chemokine family, characterized by a pair of cysteine residues separated by a single amino acid. CXCR3 is a 38 kD seven pass transmembrane receptor coupled to G-protein. It mediates Ca2+ mobilization and chemotaxis in response to C-X-C chemokines, such as IP10 (CXCL10), MIG (CXCL9), I-TAC (CXCL11) and PF4 (CXCL4). CXCR3 is expressed primarily on activated T lymphocytes, NK cells, and some epithelial cells and endothelial cells. It is not expressed on B cells, monocytes or granulocytes.
References	1. Krug A, Uppaluri R, Facchetti F, et al. J Immunol. 2002; 169(11):6079-6083. 2. Soto H, Wang W, Strieter RM, et al. Proc Natl Acad Sci U S A. 1998; 95(14):8205-8210. 3. Tamaru M, Tominaga Y, Yatsunami K, Narumi S. Biochem Biophys Res Commun. 1998; 251(1):41-48.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753458
NCBI GeneID	12766
NCBI Accession #	NP_034040.1
NCBI GenBank Nucleotide #	NM_009910.3
UniProt Accession #	O88410
NCBI Official Full Name	C-X-C chemokine receptor type 3
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 3
NCBI Official Symbol	Cxcr3
NCBI Official Synonym Symbols	Cd183; Cmkar3
NCBI Protein Information	C-X-C chemokine receptor type 3
UniProt Protein Name	C-X-C chemokine receptor type 3
UniProt Gene Name	Cxcr3
UniProt Synonym Gene Names	Cmkar3; CXC-R3; CXCR-3; IP-10 receptor

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.