

Mouse anti-Human CD187 Monoclonal Antibody | anti-CD187 antibody

Anti-Hu CD187 Purified

CATALOG # AAA129111	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD187; Monoclonal Antibody; Anti-Hu CD187 Purified; CXCR7; RDC1; GPR159; ACKR3; atypical chemokine receptor 3; anti-CD187 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a kappa
Clone Number	10D1-J16
Specificity	The mouse monoclonal antibody 10D1-J16 recognizes an extracellular epitope on CD187/CXCR7, a transmembrane protein of chemokine receptor family.
Purity/Purification	Purified by protein-A affinity chromatography
Form/Format	Purified. Phosphate buffered saline (PBS) solution with 15mM sodium azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD187 antibody	FCM/FACS (Flow Cytometry)
Preparation and Storage	Store at 2-8 degree C. Do not freeze. Do not use after expiration date stamped on the label.

ADDITIONAL INFORMATION

Related Product Information for anti-CD187 antibody	CD187 (CXCR7) is a member of chemokine receptor family, but with discussed specificity. It is expressed in various tissues and cells, such as placenta, urinary bladder, fetal liver cells, tumor cells, activated endothelium, monocytes, lymphocytes, mature dendritic cells, and other.
References	*Doijen J, Van Loy T, De Haes W, Landuyt B, Luyten W, Schoofs L, Schols D: Signaling properties of the human chemokine receptors CXCR4 and CXCR7 by cellular electric impedance measurements. PLoS One. 2017 Sep 25;12(9):e0185354., URL: https://pubmed.ncbi.nlm.nih.gov/28945785/ ,*Espinoza-Sánchez NA, Vadillo E, Balandrán JC, Monroy-García A, Pelayo R, Fuentes-Pananá EM: Evidence of lateral transmission of aggressive features between different types of breast cancer cells. Int J Oncol. 2017 Nov;51(5):1482-1496., URL: https://pubmed.ncbi.nlm.nih.gov/29048610/ ,*Guan L, Li X, Wei J, Liang Z, Yang J, Weng X, Wu X: Antigen-specific CD8+ memory stem T cells generated from human peripheral blood effectively eradicate allogeneic targets in mice. Stem Cell Res Ther. 2018 Dec 7;9(1):337., URL: https://pubmed.ncbi.nlm.nih.gov/30526661/

NCBI AND UNIPROT INFORMATION

NCBI GI #	31083344
NCBI GeneID	57007
NCBI Accession #	NP_064707.1

NCBI GenBank Nucleotide #	NM_020311.2
UniProt Accession #	P25106; Q53RV4; Q8NE10; Q92938; Q92986; A8K6J4
Molecular Weight	41,493 Da
NCBI Official Full Name	C-X-C chemokine receptor type 7
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 7
NCBI Official Symbol	CXCR7
NCBI Official Synonym Symbols	RDC1; RDC-1; CMKOR1; CXC-R7; CXCR-7; GPR159
NCBI Protein Information	C-X-C chemokine receptor type 7; G protein-coupled receptor; chemokine orphan receptor 1; G-protein coupled receptor 159; G-protein coupled receptor RDC1 homolog
UniProt Protein Name	C-X-C chemokine receptor type 7
UniProt Gene Name	CXCR7
UniProt Synonym Gene Names	CMKOR1; GPR159; RDC1; CXC-R7; CXCR-7; RDC-1
UniProt Entry Name	CXCR7_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd187-antibody-clone-10d1-j16-flow-cytometry-elisa/129111>