

Rabbit CD184 Polyclonal Antibody | anti-CD184 antibody

RABBIT ANTI HUMAN CD184 (N-TERMINAL)

CATALOG # AAA49942	HOST Rabbit	APPLICATIONS Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry
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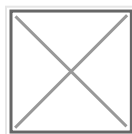
PRODUCT SYNONYMS

CD184; Polyclonal Antibody; RABBIT ANTI HUMAN CD184 (N-TERMINAL); anti-CD184 antibody

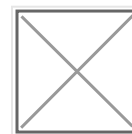
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises the human G-protein-coupled chemokine receptor CD184 (CXCR4), a 40kDa cell surface protein known to act as a co-factor in HIV infection of CD4+ T cells. Mutations in the CD184 gene are associated with WHIM syndrome, an inherited combined immunodeficiency disease, see Taniuchi, S. et al. for details.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Sequence Length	356
Applicable Applications for anti-CD184 antibody	WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Immunogen	Peptide sequence corresponding to amino acids 1-14 of human CD184. Buffer Solution
Antiserum Preparation	Antisera to human CD184 were raised by repeated immunisation of rabbits with highly purified antigen.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES


Application Data

Immunocytochemical staining of HeLa cells with Rabbit anti Human CD184 (AAA49942)


Application Data

Western Blot analysis of HeLa whole cell lysate probed with Rabbit anti Human CD184 (AAA49942)

ADDITIONAL INFORMATION

Related Product Information for anti-CD184 antibody	Rabbit anti Human CD184 antibody recognizes the human G-protein-coupled chemokine receptor CD184, also known as CXCR4. CD184 is a 352 amino acid ~40kDa cell surface protein known to act as a co-factor in HIV infection of CD4+ T cells (Bleul et al.. Mutations in the CD184 gene are associated with WHIM syndrome, an inherited combined immunodeficiency disease (Taniuchi et al..).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56790927
NCBI GeneID	7852
NCBI Accession #	NP_001008540.1
NCBI GenBank Nucleotide #	NM_001008540.1
UniProt Accession #	P61073; O60835; P30991; P56438; Q53S69; Q9BXA0; Q9UKN2; B2R5N0
Molecular Weight	40,221 Da
NCBI Official Full Name	C-X-C chemokine receptor type 4 isoform a
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; WHIMS; HSY3RR; NPY3R; D2S201E
NCBI Protein Information	C-X-C chemokine receptor type 4; CD184 antigen; LPS-associated protein 3; SDF-1 receptor; fusin; leukocyte-derived seven transmembrane domain receptor; lipopolysaccharide-associated protein 3; neuropeptide Y receptor Y3; seven transmembrane helix receptor; seven-transmembrane-segment receptor, spleen; stromal cell-derived factor 1 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd184-antibody-western-blot-immunoprecipitation-flow-cytometry-immunohistochemistry-elisa/49942>