

Rabbit CX3CR1 Polyclonal Antibody | anti-CX3CR1 antibody

CX3CR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305563	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CX3CR1; Polyclonal Antibody; CX3CR1 Antibody; V28; CMKBRL1; anti-CX3CR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	355
Applicable Applications for anti-CX3CR1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 2 to 21 of human CX3CR1. The sequence differs from those of mouse and rat CX3CR1 by four amino acids.
Target Name	CX3CR1
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human heart tissue using CX3CR1 antibody at 2 ug/mL.


WB (Western Blot)

Western blot analysis of CX3CR1 in human spleen lysate with CX3CR1 antibody in the absence (lane 1) or presence of blocking peptide (lane 2).

ADDITIONAL INFORMATION

Related Product Information for anti-CX3CR1 antibody	CX3CR1 is one of the chemokine receptors that are required as coreceptors for HIV infection. The genes encoding human, murine, and rat CX3CR1 were cloned and designated V28 and CMKBRL1, CX3CR1, and RBS11, respectively. The encoded seven transmembrane protein was recently identified as the receptor for a novel transmembrane molecule, fractalkine, and renamed CX3CR1. Recently, CX3CR1 was found to serve as a coreceptor for HIV-1 and HIV-2 envelope fusion and virus infection, which can be inhibited by fractokine. CX3CR1 mediates leukocyte migration and adhesion. CX3CR1 is expressed in a variety of human tissues and cell lines.
Product Categories/Family for anti-CX3CR1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503171
NCBI GeneID	1524
NCBI Accession #	NP_001328
NCBI GenBank Nucleotide #	NM_001337.3
Molecular Weight	43,969 Da
NCBI Official Full Name	CX3C chemokine receptor 1 isoform b
NCBI Official Synonym Full Names	chemokine (C-X3-C motif) receptor 1
NCBI Official Symbol	CX3CR1
NCBI Official Synonym Symbols	V28; CCRL1; GPR13; CMKDR1; GPRV28; CMKBRL1
NCBI Protein Information	CX3C chemokine receptor 1
UniProt Protein Name	CX3C chemokine receptor 1
UniProt Gene Name	CX3CR1
UniProt Synonym Gene Names	CMKBRL1; GPR13; C-X3-C CKR-1; CX3CR1; CMK-BRL1
UniProt Entry Name	CX3C1_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/cx3cr1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/305563>