

Rabbit CX3CR1 Polyclonal Antibody | anti-CX3CR1 antibody

CX3CR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10919	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CX3CR1; Polyclonal Antibody; CX3CR1 Antibody; V28; CCRL1; GPR13; CMKDR1; GPRV28; CMKBRL1; CX3C chemokine receptor 1; Beta chemokine receptor-like 1; C-X3-C CKR-1; chemokine (C-X3-C motif) receptor 1; anti-CX3CR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	CX3CR1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	355
Applicable Applications for anti-CX3CR1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Application Notes	CX3CR1 antibody can be used for detection of CX3CR1 by Western blot at 0.5 - 1 mug/mL. Antibody can also be used for immunohistochemistry starting at 2 mug/mL. For immunofluorescence start at 10 mug/mL. Flow cytometry at 0.1 mug/ml.
Conjugate	Unconjugated
Immunogen	CX3CR1 antibody was raised against a 20 amino acid peptide near the amino terminus of human CX3CR1.
Buffer	CX3CR1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CX3CR1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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



IF (Immunofluorescence)

Immunofluorescence of CX3CR1 in rat heart tissue with CX3CR1 antibody at 20 μg/ml. Green: CX3CR1 Antibody (2093) Blue: DAPI staining



IHC (Immunohistochemistry)

Immunohistochemistry of CX3CR1 in rat heart tissue with CX3CR1 antibody at 2 μg/ml.

**IF (Immunofluorescence)**

Immunofluorescence of CX3CR1 in mouse heart tissue with CX3CR1 antibody at 20 µg/ml. Green: CX3CR1 Antibody (2093) Blue: DAPI staining

**IHC (Immunohistochemistry)**

Immunohistochemistry of CX3CR1 in mouse heart tissue with CX3CR1 antibody at 20 µg/ml.

**WB (Western Blot)**

Western blot analysis of CX3CR1 expression in rat spleen tissue lysate with CX3CR1 antibody at (A) 1 and (B) 2 µg/ml.

**FCM (Flow Cytometry)**

Flow cytometry analysis of THP-1 cells using CX3CR1 antibody at 0.1 µg/ml. Green: Isotype control. Red : CX3CR1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CX3CR1 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503171
NCBI GeneID	1524
NCBI Accession #	NP_001328
NCBI GenBank Nucleotide #	NM_001337.3
UniProt Accession #	P49238; A0N0N6; B2R5Z4; J3KP17
Molecular Weight	50 kDa
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; CMK-BRL1; CMK-BRL-1; C-X3-C CKR-1; fractalkine receptor; G protein-coupled receptor 13; G-protein coupled receptor 13; chemokine (C-X3-C) receptor 1; beta chemokine receptor-like 1; chemokine (C-C) receptor-like 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cx3cr1-antibody-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/10919>