



[Go to Product page](#)

Datasheet for ABIN319015
anti-CX3CR1 antibody (AA 175-189)

2 Images

Overview

Quantity:	0.1 mg
Target:	CX3CR1
Binding Specificity:	AA 175-189
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CX3CR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Peptide corresponding to amino acids 175 to 189 of human CX3CR1.
Isotype:	IgG
Specificity:	This antibody recognises CX3CR1, a seven transmembrane protein recently identified as a receptor for fractalkine. CX3CR1 is expressed in a variety of human tissues and mediates leucocyte adhesion and migration.
Purification:	Purified

Target Details

Target:	CX3CR1
Alternative Name:	CX3CR1 / GPR13 (CX3CR1 Products)

Target Details

Background: CX3CR1 is one of the chemokine receptors that are required as co-receptors for HIV infection. The genes encoding human, mouse, 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 co-receptor for HIV-1 and HIV-2 envelope fusion and virus infection, which can be inhibited by fractokine. CX3CR1 mediates leukocyte migration and adhesion and has been implicated in tumor metastasis. CX3CR1 is expressed in a variety of human tissues and cell lines. Synonyms: Beta chemokine receptor-like 1, C-X3-C CKR-1, CMK-BRL-1, CMKBRL1, CX3C chemokine receptor 1, Fractalkine receptor, G-protein coupled receptor 13, V28

Gene ID: 1524

NCBI Accession: [NP_001328](#)

UniProt: [P49238](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: Western Blot: 1: 500.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate buffered saline containing 0.02 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

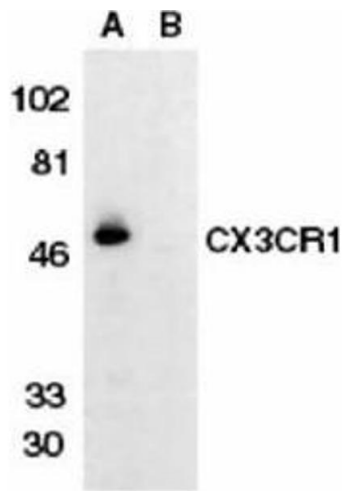


Image 1.

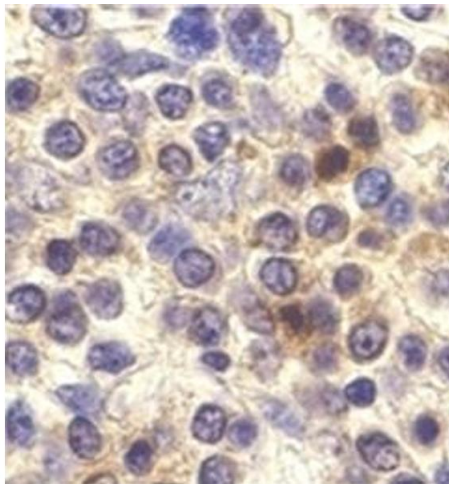


Image 2.