

Product datasheet for **BP2210**

CX3CR1 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin sections (2 µg/ml). Flow Cytometry. Western blot (1/500-1/2,000). Human spleen tissue lysate can be used as positive control and ~50kDa band can be detected.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide corresponding to amino acids 2-21 of Human CX3CR1
Specificity:	The antibody recognizes CX3CR1, N-terminal V28
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-X3-C motif chemokine receptor 1
Database Link:	Entrez Gene 1524 Human P49238



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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:

CX3C chemokine receptor 1, C-X3-C CKR-1, CMKBRL1, CMK-BRL-1