OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AP05103PU-N

CX3CR1 (175-189) Rabbit Polyclonal Antibody

Product data:

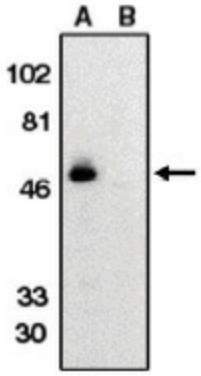
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 0.5 to 1 µg/ml. Detects an approximately 50 kDa band in THP-1 cell lysates.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to amino acids 175 to 189 of human CX3CR1 receptor. This sequence is identical in rat and differs by one amino acid in mouse.
Specificity:	This antibody reacts to CX3CR1.
Formulation:	Phosphate buffered saline solution containing 0.02% sodium azide as a preservative State: Purified State: Liquid purified Ig
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	The antibody can be shipped at ambient temperature. Store (in aliquots) at -20°C only. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch
Gene Name:	C-X3-C motif chemokine receptor 1
Database Link:	Entrez Gene 1524 Human P49238

View online »

Background: CX3CR1 is one of the chemokine receptors that are required as coreceptors for HIV infection. The genes encoding human, mouse, and rat CX3CR1 were cloned and designated V28 and CMKBRL1, CX3CR1, and RBS11, respectively, (1-4). The encoded seven transmembrane protein was recently identified as the receptor for a novel transmembrane molecule, fractalkine, and renamed CX3CR1 (5). 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 (6). CX3CR1 mediates leukocyte migration and adhesion (5). 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

Product images:



Western blot analysis using CX3CR1 (EL) antibody at 1 ug/ml on THP-1 cell lysate in the absence (A) and presence (B) of specific blocking peptide.