

Product datasheet for **TA336823**

CX3CR1 Rabbit Polyclonal Antibody

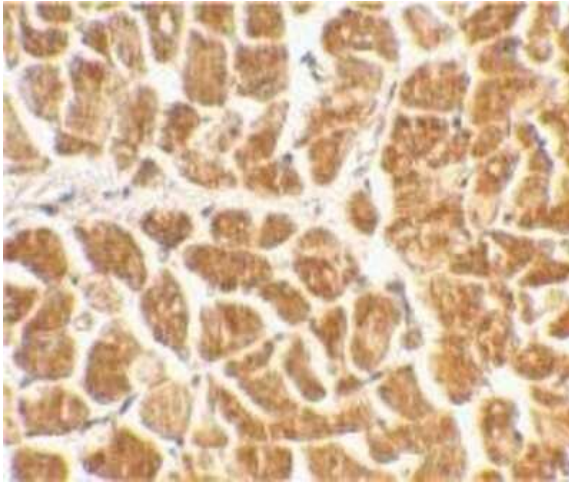
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ICC/IF, IHC
Recommended Dilution:	ELISA: 1:100-1:2000, Immunohistochemistry: 1:10-1:500, Immunohistochemistry-Paraffin: 2 ug/ml, Immunocytochemistry/ Immunofluorescence: 10ug/mL, Immunohistochemistry-Frozen
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Antibody was 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 (NP_001328).
Formulation:	PBS with 30% Glycerol, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	C-X3-C motif chemokine receptor 1
Database Link:	NP_001328 Entrez Gene 13051 Mouse Entrez Gene 171056 Rat Entrez Gene 1524 Human P49238

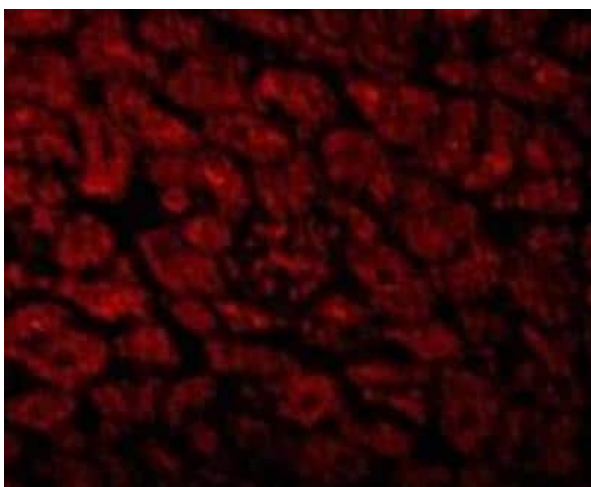


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- Background:** CX3CR1 is one of the chemokine receptors that are required as coreceptors for HIV infection. The genes encoding human, murine, and rat CX3CR1 were cloned and designated V28 and CMKBRL1, CX3CR1, and RBS11, respectively. The encoded seven 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.
- Synonyms:** CCRL1; CMKBRL1; CMKDR1; GPR13; GPRV28; V28
- Note:** In Western blots, ~50 kDa band can be detected. Immunocytochemistry/Immunofluorescence was reported in scientific literature.
- Protein Families:** Druggable Genome, GPCR, Transmembrane
- Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images:

Immunohistochemistry-Paraffin: CX3CR1
Antibody TA336823 - Human heart tissue using
CX3CR1 antibody at 2 ug/ml.



Immunocytochemistry/Immunofluorescence:
CX3CR1 Antibody TA336823 - Staining of Human
Heart cells with CX3CR1.