

AP07066PU-N**Polyclonal Antibody to CX3CR1 / GPR13 - Aff - Purified****Alternate names:**

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

Quantity:

50 µg

Concentration:

1.0 mg/ml

Background:

CX3CR1 a Chemokine Receptor is an HIV coreceptor, as well as a leukocyte chemotactic/adhesion receptor for fractalkine, also known as neurotactin. CX3CR1 mediates chemotactic responses to the soluble form of fractalkine in neutrophils and T cells, and cytoadhesion to cells expressing membrane-anchored fractalkine, such as monocytes, T cells, and neutrophils. Cells transfected with CX3CR1 exhibited chemotaxis and transient increases in intracellular calcium concentration when exposed to fractalkine.

Uniprot ID:

[P49238](#)

NCBI:

[NP_001164642.1](#)

GeneID:

[1524](#)

Host:

Rabbit

Immunogen:

CX3CR1 antibody was raised against synthetic peptide from 3rd extracellular domain of human CX3CR1.

Remarks: Mouse Identity: 84 %

Mouse Similarity: 100 %

Rat Identity: 73 %

Rat Similarity: 89 %

Format:

State: Liquid purified Ig fraction

Purification: Immunoaffinity chromatography

Buffer System: PBS containing 0.09% sodium azide as preservative

Applications:

Immunohistochemistry on Paraffin Sections: 5 - 10 µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antinody detects CX3C Chemokine Fractalkine Receptor 1 (CX3CR1) at 3rd extracellular domain.

Species: Human.

Other species not tested.

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C to -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Anti-CX3CR1 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

