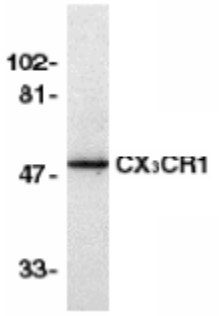
Anti-CX3CR1 Purified

Catalog Number: 14-6093
Also known as: Chemokine C-X3-C receptor 1, V28
RUO: For Research Use Only. Not for use in diagnostic procedures.



Immunoblot analysis of reduced human spleen lysates using Anti-CX3CR1 Purified and detected using Anti-Rabbit IgG-HRP (left). Immunohistochemical staining with antigen retreival of formalin-fixed, paraffin-embedded human heart tissue using Anti-CX3CR1 Purified at 2 µg/ml and detected using Anti-Rabbit IgG-HRP (right).

Product Information

Contents: Anti-CX3CR1 Purified
REF **Catalog Number:** 14-6093
Clone: Polyclonal
Host/Isotype: Rabbit IgG

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C.
LOT **Batch Code:** Refer to vial
Use By: Refer to vial
Caution, contains Azide

Description

The polyclonal rabbit antibody reacts with human, mouse, and rat Fractalkine; the antibody was raised against a peptide corresponding to amino acids 2 to 21 of human Fractalkine (CX3CR1), this sequence of human CX3CR1 differs from those of mouse and rat by four amino acids. 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.

Applications Reported

This polyclonal antibody has been reported for use in immunoblotting (WB).

Applications Tested

This polyclonal antibody has been tested by immunoblotting (1:500 to 1:2000). Human spleen tissue can be used as a positive control and an approximatley 50 kDa band can be detected. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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