

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-CX₃CR1 (NT) Antibody

ORDERING INFORMATION

Catalog No.: 2093

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

CX₃CR1 is one of the chemokine receptors that are required as co-receptors for HIV infection. The genes encoding human, murine, and rat CX₃CR1 have been cloned and designated V28 and CMKBRL1, CX₃CR1, and RBS11, respectively. CX₃CR1 was recently identified as the receptor for the chemokine fractalkine. CX₃CR1 mediates leukocyte migration and adhesion and is expressed in a variety of human tissues and cell lines.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 2-21 of human CX₃CR1. The sequence differs from mouse and rat CX₃CR1 by four amino acids.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human, mouse and rat CX₃CR1 (50 kD).

APPLICATIONS

Immunoblotting: use at 1:500-1:2,000 dilution.

Positive control: Tissue lysate from human spleen.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.