



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-Human CX ₃ CR1 Polyclonal (NT)
Catalog Number:	11235
Lot Number:	2093-9902
Provided:	50 µg per vial of purified IgG in PBS containing 0.02% sodium azide.
Host:	Rabbit anti-CX ₃ CR1 polyclonal antibody was raised against a peptide corresponding to amino acids 2 to 21 of human CX ₃ CR1 (1,2). The sequence differs from those of mouse and rat CX ₃ CR1 by four amino acids (3,4).
Description:	CX ₃ CR1 is one of the chemokine receptors that are required as coreceptors for HIV infection. The genes encoding human, murine, and rat CX ₃ CR1 were cloned and designated V28 and CMKBRL1, CX ₃ CR1, and RBS11, respectively, (1-4). The encoded seven transmembrane protein was recently identified as the receptor for a novel transmembrane molecule, fractalkine, and renamed CX ₃ CR1 (5). Recently, CX ₃ CR1 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). CX ₃ CR1 mediates leukocyte migration and adhesion (5). CX ₃ CR1 is expressed in a variety of human tissues and cell lines (2).
Recommended Storage:	Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	ProSci, Incorporated
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS from ProSci Inc.: Anti-Human CX ₃ CR1 Polyclonal (NT)." Also include the references cited above in any publications.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.