



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-Human CXCR4 Monoclonal (44717)

Catalog Number: 4083

Lot Number: AUZ022071

Release Category: A

Provided: 0.1 mg purified protein from ascites, lyophilized in PBS.

Description: Selected for ability to react in FACS specifically with human and non-human cells expressing human CXCR4. Also react with cells expressing feline but not rat CXCR4. Not cross-reactive with other chemokine receptors. Use at 10 ug/ml for flow cytometry and IFA. Half-maximal inhibition of cell-surface CXCR4-mediated SDF-1/PBSF response occurs at 5-25 ug/ml antibody in the presence of 1 ng/ml rhSDF-1a (chemotaxis assay). Isotype is IgG2b.

Reference Images:
[To view the commercial data sheet, click here.](#)

Host Site: Balb/c mouse splenocyte.

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: DAIDS, NIAID. Produced by R&D Systems.

References: Endres MJ, et al. Cell 87:745, 1996.

NOTE: Acknowledgement for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-Human CXCR4 Monoclonal (44717)."

Last Updated March 11, 2015

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.

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