



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent: Anti-human CCR-5 monoclonal antibody

Catalog Number: 4088

Lot Number: 070499

Release Category: A

Provided: 100µg affinity purified antibody resuspended in 200µL PBS.

Host Site: Balb/c mice

Special Characteristics: This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse inoculated with hCCR5 transfected NSO mouse myeloma cells. The IgG fraction of ascites fluid was purified by Protein G affinity chromatography. This antibody was selected for its ability to react specifically with hCCR5 transfectants but not the parental cell line as detected by flow cytometry. It has also been shown to react with a CCR5/CCR2 chimera (5222) containing the amino-terminal domain of CCR5. However, this antibody does not react with CCR5 present on unfixed stimulated human PBMCs by flow cytometry. Recommendation for Flow Cytometry: Dilute antibody to 25µg/mL and add 10µL of $1 - 2.5 \times 10^6$ cells in a total volume not exceeding 200µL.

Recommended Storage: Aliquot and store frozen at -20°C to -70°C. Avoid repeated freeze-thaw cycles.

Contributor: R&D Systems

Isotype: Mouse IgG2B

References: Lee, B. et al., 1999, J. Biol. Chem. 274: 9617-9626.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: hCCR5 Monoclonal Antibody (Cat#4088)." Also include the reference 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.

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