



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 CCR5 Monoclonal (45523)

Catalog Number: 4089

Lot Number: AJB1112121

Release Category: A

Provided: 100 µg Lyophilized from 20.0 µL of a 0.2µM filtered solution in PBS, pH 7.4 with 5%Trehalose. Reconstitute at 0.5 mg/mL in sterile PBS.

Description: This antibody selected for ability to react specifically with human CCR5 transfectants, but not the parental cell line as detected by flow cytometry. It does not cross-react with CCR1, CCR2, or CCR3. Can be used to detect CCRD present on stimulated human PBMCs only after cells are fixed with 2% formaldehyde. It does not detect CCR5 on unfixed human PBMCs.

Host: Balb/c mouse splenocyte.

Special Characteristics: Specificity: human CCR5
Immunogen: CCR5 transfectants
Applications: Immunohistochemistry, Flow Cytometry
Commercially available at R&D Systems (Cat# MAB181)

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

Isotype: Mouse IgG₂B

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

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-Human CCR5 Monoclonal (45523) (Cat# 4089). Also include references listed above.

Last Updated

October 12, 2017

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.