



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Mouse Anti-Human CD195 (2D7/CCR5)
Catalog Number:	3933
Lot Number:	50959
Release Category:	C
Provided:	50 µg/vial. Aqueous buffered solution containing 0.09% sodium azide.
Description:	Reacts with the chemokine receptor, CCR5, a seven transmembrane-spanning G protein-associated molecule.
Host Site:	C57B6 splenocyte x SP2/0 myeloma.
Special Characteristics:	<p>Raised against CCR5 transfectants. Recognizes the second extracellular domain of CCR5. Works well in flow cytometry and immunohistochemistry. Also works in immunoprecipitation of transfected cells, but reacts poorly in WB assays. The antibody completely blocks binding of MIP-1α, MIP-1β, and RANTES to CCR5 transfectants. Inhibits the infection of U87MG-CD4 cells expressing CCR5 by macrophage-tropic HIV-1. Previous lots of this antibody also inhibited the infection of PBMCs by macrophage-tropic HIV-1. Use at 1:1000 for phenotypic studies.</p> <p>Endotoxin: 63.737 EU/mL* (Lot # 10 20428)</p> <p>*NOTE: Endotoxin has been shown to induce chemokines and other soluble HIV and SIV inhibitory factors in primary cultures of PBMC, monocytes and macrophages (Verani et al., J Exp Med 185:805-816, 1997; J Immunol 168:6388-6396, 2002; Montefiori in preparation). Thus, caution is advised when using this reagent for in vitro studies involving primary cells.</p> <p>Commercial datasheet</p>
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.

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.

Contributor: DAIDS, NIAID

Isotype: Mouse IgG_{2a}, κ

References: Wu L, et al. J Exp Med 185:1681, 1997.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: MAb to CCR5 (2D7)."

Requests from commercial organizations must be directed to PharMingen, 10975 Torreyana Rd., San Diego, CA 92121, TEL: 619-812-8800 or 1-800-848-6227.

Last Updated September 16, 2015

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