

**Centre for AIDS Reagents**

**Data Sheet**

**REPOSITORY REFERENCE:** ARP3290

**NAME:** Mouse Anti-Human CD195 (2D7/CCR5)

**CHARACTERISTICS:** Raised against CCR5 transfectants. Recognizes the second extracellular domain of CCR5. Works well in flow cytometry and immunohistochemistry. Also works in immunoprecipitation of transfectant cells, but reacts poorly in WB assays. The antibody completely blocks binding of MIP-1 $\alpha$ , MIP-1 $\beta$ , 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. Endotoxin: 63.737 EU/mL\* (Lot # 10 20428)

\*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.

**HOST:** C57B6 splenocyte x SP2/0 myeloma.

**STORAGE:** 4°C.

**ISOTYPE:** Mouse IgG2a, ?

**PRESENTATION:** 50  $\mu$ g/vial. Aqueous buffered solution containing 0.09% sodium azide.

**SOURCE:** DAIDS, NIAID

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

**NOTE:** 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.

**ACKNOWLEDGEMENTS:** Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website in the "Acknowledgement" section at:-

[www.nibsc.ac.uk/spotlight/centre\\_for\\_aids\\_reagents.aspx](http://www.nibsc.ac.uk/spotlight/centre_for_aids_reagents.aspx)

Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR, this can be by e-mail or printed copy.