



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-HIV-1 gp41 Monoclonal (1577)
Catalog Number:	1172
Lot Number:	100160
Release Category:	B
Provided:	200 µg purified antibody at 2 mg/ml.
Host:	Balb/c splenocyte x NSO myeloma.
Special Characteristics:	Raised against a chimeric HIV-1 _{IIIB} /poliovirus containing the highly conserved 735-752 region of gp41 and the poliovirus VP1 capsid protein. This antibody is specific for region 735-752, and neutralizes infection of C8166 cells infected with HIV-1 IIIB, RF, SF33, CBL4, Z48, and Z129.
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:	Dr. Morag Ferguson, courtesy of the MRC AIDS Directed Programme.
Isotype:	IgG ₃ .
References:	Evans DJ, McKeating J, Meredith JM, Burke KL, Katrak K, John A, Ferguson M, Minor PD, Weiss RA, Almond JW. An engineered poliovirus chimaera elicits broadly reactive HIV-1 neutralizing antibodies. <i>Nature</i> 339 :385-388, 1989.
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-HIV-1 gp41 Monoclonal (1577) from Dr. Morag Ferguson, courtesy of the MRC AIDS Directed Programme." Also include the reference cited above in any publications.
Last Updated	December 08, 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.

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