



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Anti-HIV-1 gp41 Monoclonal (1577)
<b>Catalog Number:</b>	1172
<b>Lot Number:</b>	060881
<b>Release Category:</b>	B
<b>Provided:</b>	200 µg purified antibody at 2 mg/ml.
<b>Host:</b>	Balb/c splenocyte x NSO myeloma.
<b>Special Characteristics:</b>	Raised against a chimeric HIV-1 <sub>IIIB</sub> /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.
<b>Recommended Storage:</b>	Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	Dr. Morag Ferguson, courtesy of the MRC AIDS Directed Programme.
<b>Isotype:</b>	IgG <sub>3</sub> .
<b>References:</b>	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> <b>339</b> :385-388, 1989.
<b>NOTE:</b>	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.
<b>Last Updated</b>	December 08, 2017

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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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