



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-HIV-1 gp41 Monoclonal (1577)
Catalog Number:	1172
Lot Number:	140058
Release Category:	B
Provided:	1mL supernatant fluid.
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:	Publications should acknowledge the contributor and the Centre for AIDS Reagents. Acknowledgments should read: "The The Anti-HIV-1 gp41 Monoclonal (1577), NIH-ARP# 1172 (CFAR# 317) was obtained from the Centre for AIDS Reagents, NIBSC, UK, supported by EURIPRED (EC FP7 INFRASTRUCTURES-2012 - INFRA-2012-1.1.5.: Grant Number 31266). www.euripred.eu/ Also include the reference cited above in any publications.

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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