



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-HIV-1 gp120 Monoclonal (PG9)
Catalog Number:	12149
Lot Number:	180007
Release Category:	E
Provided:	200 µg of purified antibody at 2.3 mg/mL in PBS
Description:	A recombinant, broadly neutralizing monoclonal antibody (bnMAB) to HIV-1 gp120, specifically to quaternary structure of V1V2
Host:	Chinese Hamster Ovary (CHO)
Titer:	The user should determine the optimal concentration for any application.
Special Characteristics:	<p>This recombinant antibody was produced in a CHO cell expression system and purified by Protein A chromatography. This antibody originates from a HIV-1 subtype A1 infected individual in Kenya.</p> <p>This antibody neutralizes a broad variety of laboratory HIV-1 strains and primary isolates.</p> <p>Please see the LANL Molecular Database for more information.</p>
Recommended Storage:	Keep the reagent at 4°C for short term storage and at -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	IAVI
Isotype:	IgG ₁ λ

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.

References:

Walker, L. M., Phogat, S. K., Chan-Hui, P. Y., Wagner, D., Phung, P., Goss, J. L., . . . Burton, D. R. (2009). Broad and potent neutralizing antibodies from an African donor reveal a new HIV-1 vaccine target. *Science*, 326(5950), 285-289. doi:10.1126/science.1178746 [PUBMED](#)

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 gp120 Monoclonal (PG9) from IAVI (cat# 12149)." Also include the reference cited above in any publications.

Recipient must not use or incorporate the reagent for commercial purposes.

Last Updated

November 06, 2018

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