



NIH AIDS Reagent Program
20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	Anti-HIV-1 gp120 Monoclonal (PG16)
Catalog Number:	12150
Lot Number:	110218
Release Category:	E
Provided:	0.25mL aliquots at 1mg/ml in 1XPBS.
Host Site:	Recombinant, CHO-derived MAb
Titer:	Neutralization of ~80% of pseudoviruses: IC50
Special Characteristics:	•Epitope targeted might be preferentially expressed on HIV Env •Broad and potent anti-HIV1 cross-clade neutralization •No poly-reactivity against variety of structurally dissimilar antigens
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:	IAVI
Isotype:	Lambda Light chain; IgVL: VL2-14*01 IgG1 Heavy chain; IgVH: VH3-33*05
References:	Walker, L. M., et al. 2009. Broad and potent neutralizing antibodies from an African donor reveal a new HIV-1 vaccine target. Science 326:285-289.

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.

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 (PG16)." Also include the reference cited above in any publications.

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

Last Updated

April 01, 2015

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.