



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-HIV-1 gp120 Monoclonal (PGT121)
Catalog Number:	12343
Lot Number:	120280
Release Category:	E
Provided:	250µg (24.6µl at 9.47µg/µl)
Description:	A recombinant, broadly neutralizing monoclonal antibody (bnMab) to HIV-1 gp120, specifically to the N332-centered oligomannose patch on the V3 loop.
Host:	Human
Titer:	The user should determine the optimal concentration for any application.
Special Characteristics:	<p>This recombinant antibody was produced in a FreeStyle 293 expression system and purified by Protein A affinity chromatography. This antibody originates and was sequenced from an individual that had been infected with HIV-1 for at least three years, was clinically asymptomatic and was not receiving antiretroviral therapy at the time of donation.</p> <p>Please see the LANL HIV 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., Huber, M., Doores, K. J., Falkowska, E., Pejchal, R., Julien, J. P., . . . Pognard, P. (2011). Broad neutralization coverage of HIV by multiple highly potent antibodies. *Nature*, 477(7365), 466-470. doi:10.1038/nature10373 [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 (PGT121)." Also include the reference cited above in any publications.

Last Updated September 15, 2017

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