NIH AIDS Reagent Program
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DATA SHEET

Reagent:	Anti-HIV-1 gp120 Monoclonal (2557)
Catalog Number:	13429
Lot Number:	190209
Release Category:	C
Provided:	500 µg per vial at 1 mg/mL Endotoxin = 0.8 EU/mg Purity = >95% by SDS PAGE
Description:	A recombinant monoclonal antibody to HIV-1 gp120, specifically to the V3 region (epitope: YNKRKRIHI)
Host:	Human
Titer:	The user should determine the optimal concentration for any application.
Special Characteristics:	This recombinant antibody was produced in an Expi293 expression system and purified by Protein G chromatography. This antibody originates from EBV-immortalized peripheral blood mononuclear cells from HIV-seropositive individuals. Please see the Los Alamos database for more information. Applications: ELISA, Luminex, Flow Cytometry
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:	Dr. Susan Zolla-Pazner
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:

Gorny, M. K., Revesz, K., Williams, C., Volsky, B., Louder, M. K., Anyangwe, C. A., . . . Zolla-Pazner, S. (2004). The v3 loop is accessible on the surface of most human immunodeficiency virus type 1 primary isolates and serves as a neutralization epitope. J Virol, 78(5), 2394-2404. 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 (2557) from Dr. Susan Zolla-Pazner (cat# 13429)." Also include the references cited below in any publications.

Patent pending. Limited to 1 mg per laboratory per year. Corporate requests should be directed in writing to Dr. Susan Zolla-Pazner at the Icahn School of Medicine at Mount Sinai, One Gustave L. Levy Place, Box 1090, New York, NY 10029.

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

Last Updated October 25, 2019

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