



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-HIV-1 gp120 Monoclonal (257-D IV)

Catalog Number: 1510

Lot Number: 070987

Release Category: E

Provided: 0.5 ml tissue culture supernatant. Concentration is 7.9 µg/mL

Titer: Use at 10-50 ng/ml for neutralization and ≤1.0 µg/ml in ELISA.

Special Characteristics: Neutralizes HIV-1_{MN} infection of MT-2 cells.

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. Susan Zolla-Pazner.

Isotype: IgG₁, λ.

References: Gorny MK, et al. *J Immunol* **150**:635-643, 1993.
Gorny MK, et al *Proc Natl Acad Sci USA* **88**:3238-3242, 1991.

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 (257-D IV) from Dr. Susan Zolla-Pazner." Also include the references cited above in any publications.

Limited to 1 aliquot per laboratory. Patent pending. 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~~

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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Research Chart

Antibody	Cat. #	Lot	Conc.	Reactivity
257-D IV	1510	6 020742	10.7 µg/ml	Reacts with HIV-1 _{MN} V3 epitope KRIHI. Cross-reacts with the V3 loop peptide (20-mer, American BioTechnologies) of HIV-1 SF-2, NY5, RF.
268-D IV	1511	6 020743	27.6 µg/ml	Reacts with the HIV-1 _{MN} V3 epitope HIGPGR. Cross-reacts with the V3 loop peptide (20-mer, American BioTechnologies) of HIV-1 SF-2, NY5, RF, CDC4.

Last Updated

February 16, 2016

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