



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-1 gp120 Monoclonal Antibody (ID6)

Catalog Number: 2343

Lot Number: 060840

Release Category: B

Provided: 1 ml sterile, unfiltered tissue culture supernatant.

Host Site: Mouse.

Titer: Approximately 1:50,000 against gp120 from MN. The Ig concentration is unknown. The binding activity is relatively stable after freeze/thaw.

Special Characteristics: Raised against a recombinant LAV-1 gp160 preparation. ID6 is an IgG2a antibody that binds to gp120 and gp160, and is directed against the first 204 aa of gp120. Subsequent studies utilizing the screening of phage display libraries with ID6 indicates that the epitope corresponds to aa 86-100 (MN isolate) and is highly conserved among divergent HIV isolates. ID6 also reacts with gp120 from IIIB and RF in immunoassays. In some assays the antibody mediates ADCC.

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. Kenneth Ugen and Dr. David Weiner.

References: Gomez-Roman, V.R., Cao, C., Bai, Y., Sanatmaria, H., Acero, G., Manoutcharian, K., Weiner, D., Ugen, K., and Gevorkian, G.. Phage-display mimotopes recognizing a biologically active anti-HIV-1 gp120 murine monoclonal antibody. *J. Acquir. Immune Defic. Syndr.* **31**: 147-153, 2002.

Dickey, C. et. al. Murine monoclonal antibodies biologically active against the amino region of HIV-1 gp120: Isolation and characterization. *DNA and Cell Biology* **19**:243-252, 2000.

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: HIV-1 gp120 Monoclonal Antibody (ID6) from Dr. Kenneth Ugen and Dr. David Weiner." Also include the reference cited above in any publications.

Commercial requests should be directed to Dr. Kenneth Ugen or Dr. David Weiner, University of Pennsylvania Hospital, 570 Maloney Building, 4600 Spruce Street, Philadelphia, PA 19104.

Last Updated

September 16, 2015

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