



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-1 gp120 mAb (A32-AAA)

Catalog Number: 12558

Lot Number: 140154

Release Category: C

Provided: 50 µg at 1.0 mg/mL in phosphate buffered saline, pH 7.4

Description: Recombinant human antibody recognizing the C1 region of HIV-1 envelope. It contains S298A/E333A/K334A mutations in the IgG1 constant region, which have been shown to aid ADCC activity. This antibody was produced in CHO cells and purified using Protein A chromatography.

Host: Human

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: Duke Human Vaccine Institute, Duke University Medical Center

Isotype: IgG1

References: Wyatt, R., J. Moore, M. Accola, E. Desjardin, J. Robinsin, and J. Sodroski. 1995. Involvement of the V1/V2 variable loop structure in the exposure of human immunodeficiency virus type 1 gp120 epitopes induced by receptor binding. *J. Virol.* 69:5723-5733

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 mAb (A32-AAA) from Drs. Barton F. Haynes and Hua-Xin Liao." Also include the references cited above in any publication.

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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