



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-SIVmac gp120 Monoclonal (KK42)

Catalog Number: 4670

Lot Number: 041185

Release Category: B

Provided: 100 µl unpurified ascites

Host: Balb/c splenocyte x NS-O myeloma.

Special Characteristics: Raised in mice primed with a SIV_{mac}251 gp160 vaccinia recombinant (vAbT253), and boosted with glutaraldehyde-fixed SIV_{mac}11/88 from C8166 cells. Reacts with the SIV V3 region (aa 321-340). Reacts in WB with gp160/gp120; also reactive in RIPA and surface fluorescence assays. Non-neutralizing. Recognizes SIV strains mac251, cyn186, sm7, and smm8670. Does not react with HIV-2/SBL.

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. Karen Kent and Caroline Powell. *Courtesy of NIBSC Centralized Facility for AIDS Reagents.*

Isotype: IgG₁.

References: Kent KA, Rud E, Cororan T, Powell C, Thiriart C, Collignon C, Stott EJ. Identification of two neutralizing and eight non-neutralizing epitopes on simian immunodeficiency virus envelope using monoclonal antibodies. *AIDS Res Hum Retroviruses* **8**:1147-1151, 1992.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-SIVmac gp120 Monoclonal (KK42) from Dr. Karen Kent and Miss Caroline Powell (cat# 4670)." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this

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.

reagent must contact NIBSC at the following email address: CFAR@NIBSC.org, before the reagent can be released.

Last Updated

June 13, 2018

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