



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Anti-SIVmac gp120 Monoclonal (KK42)

**Catalog Number:** 4670

**Lot Number:** 120226

**Release Category:** B

**Provided:** 0.1 mL culture supernatant

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

**Special Characteristics:** Raised in mice primed with a SIV<sub>mac</sub>251 gp160 vaccinia recombinant (vAbT253), and boosted with glutaraldehyde-fixed SIV<sub>mac</sub>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:** IgG<sub>1</sub>

**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**

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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](mailto:CFAR@NIBSC.org), before the reagent can be released.

**Last Updated**

June 13, 2018

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