



**NIH AIDS Reagent Program**  
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## DATA SHEET

**Reagent:** Anti-SIVmac gp120 Monoclonal (KK17)

**Catalog Number:** 4669

**Lot Number:** 100128

**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<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 *env* region (aa 8-303). Reacts in WB with gp160/gp120; also reactive in RIPA and surface fluorescence assays. Neutralizing antibody. Recognizes SIV strains mac251, cyn186, and sm7, but not SIV Delta, HIV-2<sub>SL</sub>, or HIV-2<sub>CBL21</sub>.

**Recommended Storage:** -70°C

**Contributor:** Dr. Karen Kent and Caroline Powell (Produced by CFAR, NIBSC)

**Isotype:** IgG<sub>2a</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.

Kent KA, Gritz L, Stallard G, Cranage MP, Collignon C, Thiriart C, Corcoran T, Silvera P, Stott EJ. Production and of monoclonal antibodies to simian immunodeficiency virus envelope glycoproteins. *AIDS* **5**:829-836, 1991.

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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.

**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 (KK17) from Dr. Karen Kent and Miss Caroline Powell (cat# 4669)." Also include the references cited above in any publications.

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