



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Anti-SIVmac gp41 Monoclonal (KK41)

**Catalog Number:** 2317

**Lot Number:** 130143

**Release Category:** B

**Provided:** 100 µl culture supernatant fluid.

**Host:** Balb/c splenocyte x NSO myeloma.

**Special Characteristics:** Raised in mice primed with a SIV<sub>mac</sub>251 (gp160/gp32) vaccinia recombinant (vAbT253), and boosted with glutaraldehyde-fixed SIVmac 11/88 from C8166 cells. Reacts with SIV gp41 immunodominant epitope (aa 601-620). Recognizes gp41 from SIV<sub>mac</sub>251, SIV<sub>sm</sub>3, SIV<sub>sm</sub>7, SIV<sub>smm</sub>B670, HIV-2SBL6669, and HIV-2CBL-21.  
Suitable for use in ELISA, immunoblotting, RIPA, IF and Immunohistochemistry.

**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. Karen Kent and Miss Caroline Powell (Produced by CFAR, NIBSC)

**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 gp41 Monoclonal (KK41) from Dr. Karen Kent and Miss Caroline Powell." 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 12, 2018

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