



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-SIVmac gp41 Monoclonal (KK41)

Catalog Number: 2317

Lot Number: 040886

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 SIVmac 11/88 from C8166 cells. Reacts with SIV gp41 immunodominant epitope (aa 601-620). Recognizes gp41 from SIV_{mac}251, SIV_{sm}3, SIV_{sm}7, SIV_{smm}B670, HIV-2SBL6669, and HIV-2CBL-21.

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: 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 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 reagent must contact NIBSC at the following email address: CFAR@NIBSC.org.

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.

before the reagent can be released.

Last Updated

June 12, 2018

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