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DATA SHEET

Reagent: Anti-SIVmac gp120 Monoclonal (KK17)

Catalog Number: 4669

Lot Number: 06.Jun.11

Release Category: B

Provided: 1 mL culture supernatant

Description: An anti-SIVmac251 Env monoclonal antibody.

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 *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_{SL}, or HIV-2_{CBL21}.

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 Caroline Powell (Produced by CFAR, NIBSC)

Isotype: IgG_{2a}.

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.

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, before the reagent can be released.

Last Updated

June 13, 2018

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