



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Anti-SIVmac gp120 Monoclonal (KK42)
<b>Catalog Number:</b>	4670
<b>Lot Number:</b>	140413
<b>Release Category:</b>	B
<b>Provided:</b>	0.1 mL culture supernatant
<b>Host:</b>	Balb/c splenocyte x NS-O myeloma
<b>Special Characteristics:</b>	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-2BL.
<b>Recommended Storage:</b>	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.
<b>Contributor:</b>	Dr. Karen Kent and Caroline Powell (Produced by CFAR, NIBSC)
<b>Isotype:</b>	IgG <sub>1</sub>
<b>References:</b>	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. <i>AIDS Res Hum Retroviruses</i> <b>8</b> :1147-1151, 1992.
<b>NOTE:</b>	Publications should acknowledge the contributor and the Centre for AIDS Reagents. Acknowledgments should read: "The Anti-SIVmac gp120 Monoclonal (KK42), NIH-ARP# 4670 (CFAR# 3284) was obtained from the Centre for AIDS Reagents, NIBSC, UK, supported by EURIPRED (EC FP7 INFRASTRUCTURES-2012 - INFRA-2012-1.1.5.: Grant Number 31266). <a href="http://www.euripred.eu/">www.euripred.eu/</a> Also include the reference cited above in any publications.

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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.

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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