



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Anti-SIVmac gp120 Monoclonal (KK45)
<b>Catalog Number:</b>	2318
<b>Lot Number:</b>	070588
<b>Release Category:</b>	B
<b>Provided:</b>	100 µl ascites
<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 311-340). Recognizes gp120 from SIV <sub>mac</sub> 251, SIV <sub>sm</sub> 3, SIV <sub>sm</sub> 7, and SIV <sub>smm</sub> B670.
<b>Recommended Storage:</b>	Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	Dr. Karen Kent and Miss Caroline Powell (Produced by CFAR, NIBSC)
<b>Isotype:</b>	IgG <sub>2a</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>	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 (KK45) 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:**

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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.

[CPAK@NIBSC.org](mailto:CPAK@NIBSC.org), before the reagent can be released.

**Last Updated**

June 12, 2018

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