



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Anti-SIVmac p27 Monoclonal (KK64)
<b>Catalog Number:</b>	2321
<b>Lot Number:</b>	140408
<b>Release Category:</b>	B
<b>Provided:</b>	200 µl of culture supernatant
<b>Description:</b>	A monoclonal antibody to SIV p27
<b>Host:</b>	Mouse
<b>Titer:</b>	The user should determine the optimal concentration for any application.
<b>Special Characteristics:</b>	<p>This antibody was produced in cell culture using a CELLline bioreactor flask. It originates from a hybridoma. The hybridoma was created by immunizing Balb/c mice with a SIVmac251 gag vaccinia recombinant (vAbT252), then boosting them with glutaraldehyde-fixed SIVmac 11/88 from C8166 cells. The resulting splenocytes were fused with NS-O myeloma cells.</p> <p>KK64 reacts with a SIV p27 peptide corresponding to aa 151-180. It recognizes p27 from SIVmac251, SIVsm7, SIVsmmB670, and HIV-2 SBL.</p> <p>Applications: ELISA, Western blot</p>
<b>Recommended Storage:</b>	Keep the reagent 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>1</sub>

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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.

**References:**

Kent, K. A., Gritz, L., Stallard, G., Cranage, M. P., Collignon, C., Thiriart, C., . . . Stott, E. J. (1991). Production and of monoclonal antibodies to simian immunodeficiency virus envelope glycoproteins. *AIDS*, 5(7), 829-836. [PUBMED](#)

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-SIVmac p27 Monoclonal (KK64) from Dr. Karen Kent and Miss Caroline Powell (cat# 2321)." 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](mailto:CFAR@NIBSC.org), before the reagent can be released.**

**Last Updated**

July 19, 2018

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