



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	Anti-SIVmac gp41 Monoclonal (KK15)
Catalog Number:	1812
Lot Number:	180158
Release Category:	B
Provided:	1 mL of culture supernatant
Description:	A monoclonal antibody to SIVmac251 gp41
Host:	Mouse
Titer:	The user should determine the optimal concentration for any application.
Special Characteristics:	<p>This antibody was produced in cell culture. It originates from a hybridoma. The hybridoma was created by immunizing Balb/c mice with a SIVmac251 gp160 vaccinia recombinant (vAbT253), then boosting them with glutaraldehyde-fixed SIVmac11/88 from C8166 cells. The resulting splenocytes were fused with NS-O myeloma cells.</p> <p>KK15 reacts with a SIV gp41 peptide corresponding to aa 608-619 (sequence: LNAWGCAFRQVC).</p> <p>Applications: ELISA, Western blot</p>
Recommended Storage:	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.
Contributor:	Dr. Karen Kent (Produced by CFAR, NIBSC)
Isotype:	IgG _{2a}

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](#)

Kent, K. A., Rud, E., Corcoran, T., Powell, C., Thiriart, C., Collignon, C., & Stott, E. J. (1992). Identification of two neutralizing and 8 non-neutralizing epitopes on simian immunodeficiency virus envelope using monoclonal antibodies. *AIDS Res Hum Retroviruses*, 8(6), 1147-1151. doi:10.1089/aid.1992.8.1147 [PUBMED](#)

NOTE: Publications should acknowledge the contributor and the Centre for AIDS Reagents. Acknowledgments should read: "The Anti-SIVmac gp120 Monoclonal (KK15), NIH-ARP# 1812 (CFAR# 3297) 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). www.euripred.eu/ 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 April 29, 2019

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