



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-SIVmac gp41 Monoclonal (KK41)
Catalog Number:	2317
Lot Number:	140412
Release Category:	B
Provided:	100 µL culture supernatant fluid.
Host:	Balb/c splenocyte x NSO myeloma.
Special Characteristics:	<p>Raised in mice primed with a SIV_{mac}251 (gp160/gp32) vaccinia recombinant (vAbT253), and boosted with glutaraldehyde-fixed SIVmac 11/88 from C8166 cells. Reacts with SIV gp41 immunodominant epitope (aa 601-620). Recognizes gp41 from SIV_{mac}251, SIV_{sm}3, SIV_{sm}7, SIV_{smm}B670, HIV-2SBL6669, and HIV-2CBL-21.</p> <p>Suitable for use in ELISA, immunoblotting, RIPA, IF and Immunohistochemistry.</p>
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 Miss Caroline Powell (Produced by CFAR, NIBSC)
Isotype:	IgG ₁ .
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. <i>AIDS Res Hum Retroviruses</i> 8 :1147-1151, 1992.
NOTE:	Publications should acknowledge the contributor and the Centre for AIDS Reagents. Acknowledgments should read: "The Anti-SIVmac gp120 Monoclonal (KK41), NIH-ARP# 2317 (CFAR# 3044) 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 reference cited above in any publications.

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, before the reagent can be released.

Last Updated

June 12, 2018

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