



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-SIV gp120 Monoclonal (B404)
Catalog Number:	12146
Lot Number:	110165
Release Category:	C
Provided:	1.0 ml of filtered (0.2 µm) tissue culture supernatant
Host:	Antibody produced in human cell line, 293A, transfected with plasmids expressing rhesus IgG-B404
Titer:	Detectable by ELISA at a dilution of 1:500
Special Characteristics:	This antibody was originally isolated as Fab from phage library of SIVsmH635FC-infected rhesus macaque. This antibody weakly reacts with gp120 by Western blot, and competes with Mabs against Env V3, KK42, KK45, and KK46. This antibody recognizes SIV strains smH635FC, smE543-3, mac239, mac316 and HIV-2GH123 by flow cytometer and neutralizes SIV strains smH635FC, smE543-3 and mac316.
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. Takeo Kuwata
Isotype:	Rhesus IgG ₁ , λ
References:	Kuwata T, Katsumata Y, Takaki K, Miura T, and T. Igarashi. Isolation of Potent Neutralizing Monoclonal Antibodies from an SIV-Infected Rhesus Macaque by Phage Display <i>AIDS Res Hum Retroviruses</i> 27 (5):487-500 (2011).

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIV gp120 Monoclonal Antibody (Cat# 12146) from Dr. Takeo Kuwata." Also include the reference cited above in any publications.

If intended for commercial use, please contact Harumi Shiga: Kumamoto University, Marketing Promotion Office, Industry-Academic Collaboration Division, 2-39-1 Kurokami, Kumamoto, 860-8555, Japan. Phone: +81(96)-342-3209. Fax: +81(96)-342-3239. E-mail: kico-mta@jimu.kumamoto-u.ac.jp.

Last Updated

January 25, 2018

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