



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 p27 Monoclonal (55-2F12)
Catalog Number:	1610
Lot Number:	170394
Release Category:	E
Provided:	500 µg of purified antibody at 1 mg/mL in PBS, pH 7.4 (contains 0.02% sodium azide as a preservative) Endotoxin = 30 EU/mg - 300 EU/mg by LAL method Purity = 96% by SDS-PAGE
Description:	A monoclonal antibody to SIVmac p27
Host:	Mouse
Titer:	The user should determine the optimal concentration for any application.
Special Characteristics:	This antibody was produced in cell culture and purified by Protein A chromatography. It originates from a hybridoma. The hybridoma was created by immunizing a Balb/c mouse with inactivated, gradient purified SIVmac virus and fusing the resulting splenocytes with P3X63 Ag8X653 myeloma cells. This antibody does not react with SIVstm, SIVsm, SIVagm, HIV-1, or HIV-2. This monoclonal antibody was produced using Anti-SIVmac p27 Hybridoma (55-2F12) (ARP cat# 1547).
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. Niels Pedersen

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.

Isotype: IgG_{2b} κ

References: Higgins, J. R., Sutjipto, S., Marx, P. A., & Pedersen, N. C. (1992). Shared antigenic epitopes of the major core proteins of human and simian immunodeficiency virus isolates. *J Med Primatol*, 21(5), 265-269. [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 (55-2F12) from Dr Niels Pedersen (cat# 1610)." Also include the reference cited above in any publications.

Recipient must not use or incorporate the reagent for commercial purposes.

Last Updated October 01, 2018

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.