



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Anti-SIVmac251 Nef Monoclonal (17.2)
<b>Catalog Number:</b>	2659
<b>Lot Number:</b>	130234
<b>Release Category:</b>	A
<b>Provided:</b>	250 µl affinity purified antibody PBS pH 7.4, with 0.1% sodium azide Contains 0.25 mg protein.
<b>Host:</b>	Balb/c splenocyte x SP2 myeloma.
<b>Special Characteristics:</b>	Mice were immunized with MS2 phage RNA polymerase conjugated to SIV <sub>mac</sub> 251 Nef. This antibody maps to amino acids 71-80 (NPAEEREKLA) of SIV <sub>mac</sub> 251 32H Nef. ELISA titer against recombinant SIV Nef (20-30 ng/well in PBS) is 1:100,000. Also recognized Nef in RIPA and Western blots.
<b>Recommended Storage:</b>	Keep 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>	Quattromed Ltd.
<b>Isotype:</b>	IgG <sub>1</sub> , κ chain.
<b>References:</b>	<p>Piguet V, Chen Y-L, Mangasarian A, Foti M, Carpentier J-L, Trono D. (1998) Mechanism of Nef-induced CD4 endocytosis: Nef connects CD4 with the μ chain of adaptor complexes. EMBO, 17 (9): 2472-81.</p> <p>Chan KS, Verardi PH, Legrand FA, Yilma TD. (2005) Nef from pathogenic simian immunodeficiency virus is a negative factor for vaccinia virus. PNAS 102(24): 8734-9.</p>
<b>NOTE:</b>	Acknowledgement for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-SIVmac251 Nef Monoclonal (17.2).

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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.

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