



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Anti-HIV-1 IIIB Nef Monoclonal (AG11)

**Catalog Number:** 1124

**Lot Number:** 150182

**Release Category:** D

**Provided:** 100  $\mu$ L purified antibody (1 mg/mL) in 0.02 M Phosphate Buffer, 0.25 M NaCl, 0.1% Sodium Azide, pH 7.6.

**Description:** The AG11 antibody recognize IIIB Nef. The critical binding residue for AG11 is the N in the YFKNC sequence at the C-terminus.

**Host Site:** Mouse

**Titer:** ELISA (1:100,000) when tested against recombinant HIV-1 IIIB Nef. Western blot (1:1,000).

**Optimal dilutions should be determined by the End User.**

**Special Characteristics:** The mAb detects Nef as a single 27 kD band in Western blots. See also HIV-1 IIIB Nef Monoclonal (AE6 Ascites) (cat# 709). Neither AE6 nor AG11 recognize HIV-1 SF2 Nef.

Applications: ELISA, immunofluorescence, Immunoprecipitation, Western Blotting, Immunohistochemistry

**Commercially available through Millipore Corporation, Cat# MAB899**

**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. James Hoxie

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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.

**Isotype:** IgG1, K

**References:** Chang A.H., Hoxie J.A., et al. (1998) Construction of single chain antibodies that bind an overlapping epitope of HIV-1 Nef. FEBS lett **411**: 307-12.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-HIV-1 IIIB Nef Monoclonal (AG11) from Dr. James Hoxie."

**Last Updated** November 16, 2015

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