



## 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-HIV-1 IIIB Nef Monoclonal (AG11)

**Catalog Number:** 1124

**Lot Number:** LV1653673

**Release Category:** D

**Provided:** 100 µL purified antibody (1 mg/mL) in 0.02M Phosphate Buffer, 0.25M NaCl, 0.1% Na Azide, pH 7.6.

**Description:** AE6 and AG11 antibodies recognize IIIB Nef. The reactive epitope maps to the COOH terminus of the full length Nef protein. The ascites detects Nef as a single 27 kD band in Western blots. These antibodies do not recognize HIV-1SF2 Nef.

**Host Site:** Mouse

**Titer:** ELISA (1:100000) when tested against recombinant HIV-1IIIB Nef. Western blot (1:1000).

**Special Characteristics:** Recognizes a single 27 kDa band in Western blots and is reactive against Nef in immunoprecipitation and immunofluorescent assays. The critical binding residue is the N in the BRU C-terminal YFKNC sequence. Reactive in ELISA with a BRU 13-mer. Not reactive with SF2 Nef, but recognizes recombinant IIIB Nef.

Specificity: Reacts with Human. Reactivity with other species has not been confirmed.

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** June 12, 2015

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