



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-HIV-1 IIIB Nef Monoclonal (AG11)
Catalog Number:	1124
Lot Number:	LV1390379
Release Category:	D
Provided:	100 μ L 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:	Western Blot 1:1000; ELISA 1:100000
Special Characteristics:	<p>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.</p> <p>Specificity: Reacts with Human. Reactivity with other species has not been confirmed.</p> <p>Applications: ELISA, immunofluorescence, Immunoprecipitation, Western Blotting, Immunohistochemistry</p> <p>Commercially available through Milipore, Cat # MAB899</p>
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

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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