



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Anti-HIV-1 IIIB Nef Monoclonal (AE6)

**Catalog Number:** 709

**Lot Number:** 020481

**Release Category:** D

**Provided:** 100  $\mu$ L at 1mg/mL

**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. Titers given below are approximate, and will vary in different assays.

**Host:** Mouse.

**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. Isotype is IgG<sub>1</sub>, K chain.

**Recommended Storage:** -70°C

**Contributor:** Dr. James Hoxie

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Nef monoclonal antibody (specify antibody) from 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.

**Research Chart**

Antibody	Cat. #	Lot	Titer	Vol./IgG Conc.	References
AE6 Ascites	709	15 020481	ELISA, 1x 10 <sup>6</sup> ; also used for Western blot, IFA, IPT.	100 µl at 1 mg/ml	
AE6 Sup	1123	3 020015	ELISA, 1:10,000; IFA, 1:250	1 ml at 11 µg/ml	Tornatore C, et. al J Virol 68:93, 1994.
Ag11 Sup	1124	2	ELISA, 1:10,000. Also used for IFA.	1 ml	

**Last Updated**

September 22, 2016

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