



NIH AIDS Reagent Program

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DATA SHEET

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

Catalog Number: 709

Lot Number: 020481

Release Category: D

Provided: 100 µL 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 IgG₁, 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."

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 ⁶ ; 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 24, 2020

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