



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Anti-HIV-1 Nef Monoclonal (EH1)
<b>Catalog Number:</b>	3689
<b>Lot Number:</b>	140123
<b>Release Category:</b>	D
<b>Provided:</b>	500 µg purified lyophilized antibody, 1.071 mg/ml, (PBS, pH 7.4) with 0.02% Sodium Azide. Reconstitute with 0.47 ml H <sub>2</sub> O to restore to 1x PBS.
<b>Description:</b>	A monoclonal antibody against HIV-1 SF2 nef.
<b>Host:</b>	Balb/c mice
<b>Titer:</b>	ELISA >1:512,000
<b>Special Characteristics:</b>	Reacts with the C-terminus, and recognizes SF2 and BRU Nef by RIP, Western blot, and IFA. Also reacts with the "consensus" Nef protein described by Shugars et al ( <i>J Virol</i> <b>67</b> :4639, 1993).
<b>Recommended Storage:</b>	Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	Dr. James Hoxie.
<b>Isotype:</b>	IgG <sub>1</sub> .
<b>References:</b>	Chang AH, Hoxie JA, Cassol S, O'Shaughnessy M, Jirik F. Construction of single-chain antibodies that bind an overlapping epitope of HIV-1 Nef. <i>FEBS Lett.</i> 1998 Dec 18;441(2):307-12.

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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.

**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 Nef Monoclonal (EH1) from Dr. James Hoxie." Also include the references cited above in any publications.

**Last Updated**

February 08, 2018

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