Human immunodeficiency virus type 1 Nef monoclonal antibody, clone 3A2 (01-006)

Catalog # MAB7838 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human immunodeficiency virus type 1 Nef.
Immunogen	Recombinant protein corresponding to human immunodeficiency virus type 1 (BRU) Nef.
Host	Mouse
Reactivity	Viruses
Specificity	Mapped to amino acids 171-190 (HGMDDPEREVLEWRFDSRLA - HIV-1 BRU). This antibody recognizes the rNef of HIV 1 subtypes A, B and C. It reacts with HIV1 Nef of BRU, IIIB, LAV and BH10 strains.
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

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- Immunoprecipitation
- Western Blot

Publication Reference

- Interactions of single and combined human immunodeficiency virus type 1 (HIV-1) DNA vaccines.

  Kjerrstrom A, Hinkula J, Engstrom G, Ovod V, Krohn K, Benthin R, Wahren B.

  Virology 2001 May; 284(1):46.

  Application: WB-Tr, Human, HeLa cells

- Humoral and cellular immune responses to HIV-1 nef in mice DNA-immunised with non-replicating or self-replicating expression vectors.

  Collings A, Pitkanen J, Strengell M, Tahtinen M, Lagerstedt A, Hakkarainen K, Ovod V, Sutter G, Ustav M, Ustav E, Mannik A, Ranki A, Peterson P, Krohn K.

  Vaccine 1999 Oct; 18(5-6):460.

- Regulation of HIV-1 infection in astrocytes: expression of Nef, TNF-alpha and IL-6 is enhanced in coculture of astrocytes with macrophages.

  Fiala M, Rhodes RH, Shapshak P, Nagano I, Martinez-Maza O, Diagne A, Baldwin G, Graves M.

  J Neurovirol 1996 Jun; 2(3):158.

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