

Anti-Nef (HIV-1/Clade A)

CATALOG NUMBER: IV-013-0100, 100 µg

Introduction	Nef (Negative Regulatory Factor) is a small 27-35 kDa myristoylated protein encoded by primate lentiviruses. These include Human Immunodeficiency Viruses (HIV-1 and HIV-2) and Simian Immunodeficiency Virus (SIV). Nef localizes primarily to the cytoplasm but also partially to the Plasma Membrane (PM) and is one of many pathogen-expressed proteins, known as virulence factors, which function to manipulate the host's cellular machinery and thus allow infection, survival or replication of the pathogen.
Applications	Western blot (1:200-1:1000), may be used for other applications.
Description	Rabbit polyclonal antibody.
Immunogen	<i>in vivo</i> expressed Nef (HIV-1/Clade A) protein (GenBank accession #AF084657).
Specificity	Reacts with Nef protein from HIV-1/Clade A viruses. Cross-reactivity to Nef from other clades not tested.
Purification	Immunoaffinity chromatography.
Isotype	IgG.
Storage	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
Concentration	2 µg/µl in PBS with less than 0.1% gelatin and 0.1% sodium azide.

