

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 in vivo 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.

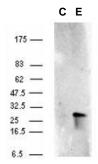
Purification Immunoaffinity chromatography.

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.



WB:

C: 293 cell extract control E: 293 cell expressing Nef