

Product datasheet for **AM26077PU-N**

HIV-1 Nef Protein Mouse Monoclonal Antibody [Clone ID: 3E6 (01-004)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3E6 (01-004)
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	Reacts in ELISA, Western blot, Immunoprecipitation and Immunohistochemistry on frozen sections with HIV-1 Nef of BRU, IIIB, LAV, BH10 strains. Titer using rNef protein with subtype B a.a. consensus: ELISA: 1:10 000. Western blot: 1:1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody detects HIV-1 Nef regulatory protein, mapped to amino acids 163-173. It recognizes the rNef of HIV-1 subtypes A, B and C.
Formulation:	PBS pH 7.4, with 0.09% sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20 to -70 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



Background:

HIV is a highly variable virus which mutates very readily. This means there are many different strains of HIV, even within the body of a single infected person. The strains of HIV1 can be classified into three groups: the "major" group M, the "outlier" group O and the "new" group N. These three groups may represent three separate introductions of simian immunodeficiency virus into humans. Group O appears to be restricted to West-Central Africa and group N, discovered in 1998 in Cameroon, is extremely rare. More than 90% of HIV1 infections belong to HIV1 group M.

Synonyms:

HIV1, HIV-I, Human immunodeficiency virus type 1