

Mouse mAb to HIV-1 Nef (clone 3D12)

Catalogue #	A2-802-100
Immunogen:	HIV-1 Nef
Immunogen Description:	Recombinant Nef protein of HIV-1 HXB2 (purified from <i>E. coli</i>)
Alternative Names:	3'ORF
Clonality:	Mouse monoclonal
Clone:	3D12
Class:	mIgG1
Reactivity:	Reacts with HIV-1 subtypes B and C, BRU, IIIB, and HAN strains. Mapped to amino acids 35-50 (RDLEKHGAITSSNTAA - HXB2)
Application:	ELISA, WB
Protocol:	Monoclonal antibody working titer has to be established practically for each particular antigen and assay format.
ELISA:	0,1-0,2 µg/ml
Purification:	Protein G purification
Buffer:	PBS pH 7.4, with 0.1% sodium azide
Shipping:	This product is shipped in non-frozen liquid form in ambient conditions
Storage:	Store at -20... -70°C upon receipt. Divide antibody into aliquots prior usage. Avoid multiple freeze-thaw cycles
References	Ovod V., Lagerstedt, A., Ranki, A., Gombert, F.O., Spohn, R., Tahtinen, M., Jung, G., Krohn K.J. 1992. Immunological variation and immunohistochemical localization of HIV-1 Nef demonstrated with monoclonal antibodies. <i>AIDS</i> , 6:25-34. Saito, Y., L. R. Sharer, L. G. Epstein, J.

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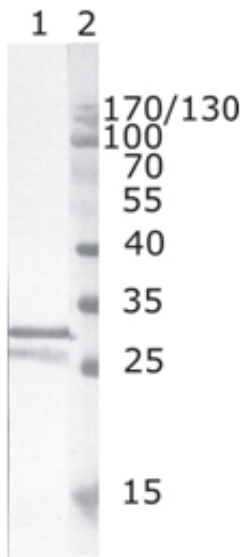


Figure 1: Western Blot testing of HIV-1 recombinant Nef protein. using HIV-1 Nef antibody, clone 3D12. **Line 1.** Recombinant HIV-1 Nef (B subtype) **Line 2.** Protein size marker.