

Mouse mAb to HIV-1 Tat (clone N1)

Catalogue #	A2-826-100
Immunogen:	HIV-1 Tat
Immunogen Description:	Recombinant Tat protein of HIV-1 BH10 (purified from <i>E. coli</i>)
Clonality:	Mouse monoclonal
Clone:	N1
Class:	mIgG3
Reactivity:	Reacts with HIV-1 Tat of HXB2, BH10, IIIB and HAN strains. Mapped to amino acids 71-81 (KQPASQPRGDP – B subtype a.a. consensus)
Application:	ELISA, WB, ChIP
Protocol:	Monoclonal antibody working titer has to be established practically for each particular antigen and assay format
ELISA:	0,08-0,4 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

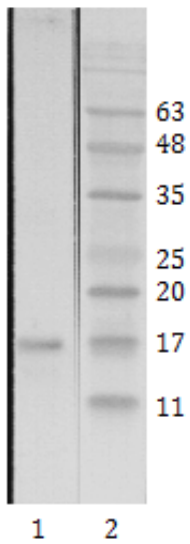


Figure 1. Western Blot testing of HIV-1 recombinant Tat protein. using HIV-1 Tat antibody (clone N1). Lane 1. Recombinant HIV-1 Tat (B subtype), 100 ng. Antibody concentration 2 µg/ml. Lane 2. Protein size marker.

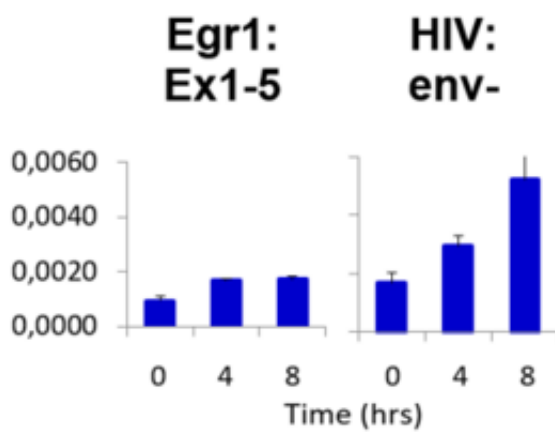


Figure 2. Matrix-ChIP analysis of HIV-1 Tat antibody (clone N1). Human 5A8 J-lat T lymphocytes culture was latently infected with HIV and treated with 10 µg/mL PHA.