

Mouse mAb to HIV-1 Tat (clone 7)

Catalogue #	A2-822-100
Immunogen:	HIV-1 Tat
Immunogen Description:	Recombinant Tat protein of HIV-1 BH10 (purified from <i>E. coli</i>)
Clonality:	Mouse monoclonal
Clone:	7
Class:	mIgG1
Reactivity:	Reacts in ELISA, WB with HIV-1 Tat of BH10, IIB strains. This antibody reacts with the rTat consensus sequences of HIV-1 subtypes A (PNLEPWH), B (PRLEPWK) and C (PNLEPWN). Mapped to amino acids 6-12 (PRLEPWK - 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:	0,05-0,1 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	Reid W., Sadowska M., Denaro, F. Rao S., Foulke J., Hayes N., Jones O., Davis H., Sill A., O'Driscoll P., Huso, D., Fouts T., Lewis, G., Kames-Lewis R., Wei C., Ray P, Gallo, R., Reits, M., and Bryant J. 2001. An HIV -1 Transgenic Rat that Develops HIV -1 related Pathology and Immunological

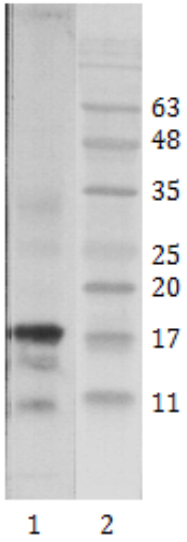


Figure 1. Western Blot testing of HIV-1 recombinant Tat protein. using HIV-1 Tat antibody (clone 7). Lane 1. Recombinant HIV-1 Tat (B subtype), 100 ng. Antibody concentration 2 μ g/ml. Lane 2. Protein size marker.

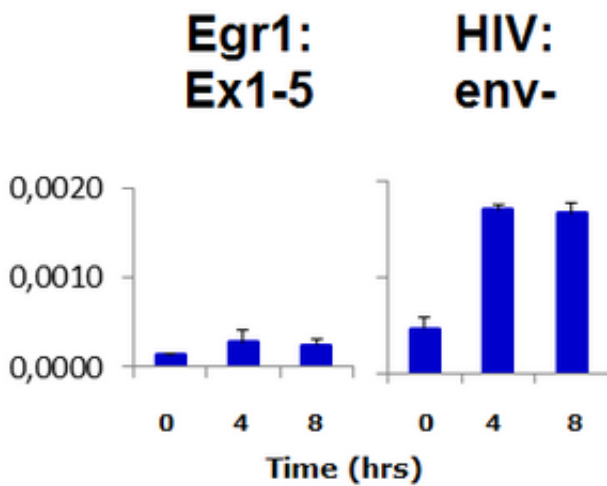


Figure 2. Matrix-ChIP analysis of HIV-1 Tat antibody (clone 7). Human 5A8 J-lat T lymphocytes culture was latently infected with HIV and treated with 10 μ g/mL PHA.