

Mouse mAb to HIV-1 Tat (clone N8)

Catalogue # A2-827-100

Immunogen: HIV-1 Tat

Immunogen Recombinant Tat protein of HIV-1 HAN (purified

Description: from E. coli)

Clonality: Mouse monoclonal

Clone: N8

Class: mlgG2b

Reactivity: Reacts in ELISA and WB with HIV-1 Tat of

HXB2, BH10,IIIB and HAN strains. Mapped to amino acids 59-67 (PQDSQTHQV – 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

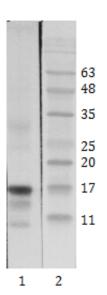


Figure 1. Western Blot testing of HIV-1 recombinant Tat protein. using HIV-1 Tat antibody (clone N8). Lane 1. Recombinant HIV-1 Tat (B subtype), 100 ng. Antibody concentration 2 μ g/ml. Lane 2. Protein size marker.

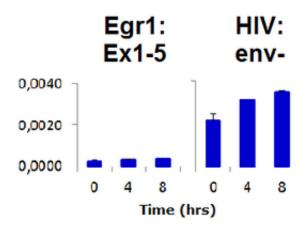


Figure 2. Matrix-ChIP analysis of HIV-1 Tat antibody (clone N8). Human 5A8 J-lat T lymphocytes culture was latently infected with HIV and treated with 10 ug/mL PHA.