

Datasheet for ABIN2669357
anti-HIV-1 Tat antibody (Biotin)



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Overview

Quantity:	200 µL
Target:	HIV-1 Tat
Reactivity:	Human Immunodeficiency Virus (HIV)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIV-1 Tat antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Purified recombinant protein HIV-I tat expressed in E. coli
Specificity:	The antibody detects HIV1 tat protein and GST tat fusion protein. HIV1 tat protein in sera or plasma and in cell culture supernatant
Characteristics:	<p>Tat is a regulatory protein of HIV-1 virus, well conserved among different isolates. Tat is produced early after infection and it's essential for virus replication and infectivity. Tat protein is also immunogenic and antibodies (Ab) against tat have been found to correlate with delayed disease progression and may exert protective effects by inhibiting both HIV-1 replication and the effects of extracellular tat. Moreover, tat is efficiently taken up by monocyte-derived dendritic cells, promotes their maturation and antigen presenting since it enters the major histocompatibility complex class I pathway. Finally, murine vaccination with a biologically active tat protein has been shown to be safe, immunogenic and elicits anti-tat neutralizing Ab and CTL.</p>
Purification:	Purified by protein A affinity chromatography and conjugated by NHS-biotin.

Target Details

Target:	HIV-1 Tat
Alternative Name:	HIV1 Tat (HIV-1 Tat Products)
Target Type:	Viral Protein

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied in PBS and 0.05 % v/v glycerol
Storage:	4 °C