

Datasheet for ABIN2669371 **anti-HIV-1 Tat antibody**

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Overview

Quantity:	200 µL
Target:	HIV-1 Tat
Reactivity:	Human Immunodeficiency Virus (HIV)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant purified HIV-1 tat protein Clade B expressed in E. coli
Specificity:	Tat protein clade A and B, GSTTat fusion protein
Characteristics:	<p>The HIV-1 regulatory protein tat is considered an attractive target for the development of a multicomponent vaccine against HIV-1 infection. The protein is well conserved among different isolates and thus may be less susceptible to mutation leading to the production of escape virus variants. 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 correlated with delayed disease progression and may exert protective effects inhibiting HIV replication. Moreover, Tat is efficiently taken up by monocyte-derived dendritic cells, promoting their maturation. Finally, murine vaccination with a biologically active tat protein has been shown to be safe and immunogenic.</p>
Purification:	Polyclonal immunoglobulins purified by affinity chromatography.

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 100 mM sodium citrate, 50 mM Tris and 0.05 % v/v glycerol
Storage:	4 °C