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Rabbit Anti HIV-I Tat Affinity Purified

ANT0041
200µl

Description

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.

Product type

Polyclonal antibody

Immunogen

Recombinant purified HIV-1 tat protein Clade B expressed in *E. coli*

Source

Rabbit

Reacts with

Tat protein clade A and B, GST-Tat fusion protein

Specificity

NA

Tested applications

Western Blotting, ELISA, Cytofluorimetric assay (Facs)

Recommended dilutions

Recommended starting dilutions can vary lot-to-lot.
Consult the product information label in the package for lot specific values.

Note: When using any primary antibody or fluorescence-labelled secondary antibody for the first time, titrate out the antibody to determine which dilution allows the strongest specific signal with the lowest background for your sample.

For untested applications or species please refer to the [S.M.A.K.](#) program.

Purity

Polyclonal immunoglobulins purified by affinity chromatography.

Form

Liquid. Supplied in 100mM sodium citrate, 50mM Tris and 0.05% v/v glycerol. Neutral pH.

Storage instructions

Shipped at +4°C. When stored at +4°C, the antibody is stable for 18 months. For extended storage, the solution may be frozen at -20°C in working aliquots.
Note: Avoid repeated freezing and thawing cycles.

References

Available on library section: <http://www.diatheva.com/library.htm>.