

Mouse HIV1-RT Monoclonal Antibody | anti-HIV1-RT antibody

HIV1-RT antibody

CATALOG # AAA74524	HOST Mouse	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

HIV1-RT; Monoclonal Antibody; HIV1-RT antibody; Monoclonal HIV1-RT; Anti-HIV1-RT; HIV-1 Reverse Transcriptase; HIV-RT 1; HIV-RT-1; HIV1RT; HIV1 RT; anti-HIV1-RT antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	M0151521
Specificity	HIV-1
Form/Format	Purified IgG supplied in PBS, pH 7.4, with 0.1% NaN ₃ .
Concentration	1.1 mg/ml (varies by lot)
Applicable Applications for anti-HIV1-RT antibody	WB (Western Blot), ELISA
Biological Significance	HIV1 Reverse Transcriptase is an RNA-dependent DNA polymerase of HIV1 (AIDS virus), subtype B origin. It is responsible for the production of a double stranded DNA copy of the single stranded RNA genome that is contained in the HIV1 virus particle and primed by the host cell lysine-tRNA which partly unfolds and anneals to the 5' end of the viral genomic RNA. This is extended by the polymerase function of RT to give a DNA-RNA hybrid. It also has RNaseH activity which degrades the RNA component of this hybrid once it has been copied.
Cross-Reactivity	This antibody recognizes p66/51 of a number of strains of HIV-1
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	HIV1-RT antibody was raised in mouse using HIV-1 reverse transcriptase (p66/51) as the immunogen.
Preparation and Storage	Store at -4°C short term; -20°C long term.

ADDITIONAL INFORMATION

Related Product Information for anti-HIV1-RT antibody	Mouse monoclonal HIV1-RT antibody
Product Categories/Family for anti-HIV1-RT antibody	Infectious Disease

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hiv1-rt-antibody-clone-m0151521-western-blot-elisa/74524>