

Datasheet for ABIN934008
anti-HIV1RT antibody (Biotin)



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Overview

Quantity:	50 µg
Target:	HIV1RT
Reactivity:	Human Immunodeficiency Virus (HIV)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HIV1RT antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	HIV1 Rev antibody was purified in mouse using recombinant Rev (HIV-1, HxB2, HxB3) as the immunogen.
Clone:	9G2G4D6E8
Isotype:	IgG2b
Cross-Reactivity (Details):	This antibody binds to recombinant rev (HIV1, HxB2, HxB3) in ELISA and Western Blot
Purification:	purified
Purity:	> 95 % pure

Target Details

Target:	HIV1RT
Alternative Name:	HIV1 REV (HIV1RT Products)

Target Details

Target Type:	Viral Protein
Background:	Rev is a HIV gene. The name rev stands for Regulator of Virion. The gene's protein product allows fragments of HIV mRNA that contain a Rev Response Element (RRE) to be exported from the nucleus to the cytoplasm. In the absence of the rev gene, the host RNA splicing machinery in the nucleus quickly splices the RNA so that only the smaller, regulatory proteins can be produced, in the presence of rev, RNA is exported from the nucleus before it can be spliced, so that the structural proteins and RNA genome can be produced. Synonyms: Monoclonal HIV1 Rev antibody, Anti-HIV1 Rev antibody, Anti-repression transactivator protein antibody, art/trs antibody, HIV1gp6 antibody, Human immunodeficiency virus 1 Rev antibody, Protein Rev antibody, Regulator of expression of viral proteins antibody, Rev antibody.

Application Details

Application Notes:	ELISA: 1:500-1:1000, WB: 1:500-1:1000 Optimal conditions should be determined by the investigator.
Comment:	Binds to recombinant rev (HIV-1, HxB2, HxB3) in ELISA and Western Blot
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in sterile distilled water.
Concentration:	Lot specific
Buffer:	Supplied lyophilized as a purified IgG in PBS buffer with no preservatives added
Preservative:	Without preservative
Precaution of Use:	Not tested for sterility or endotoxin content.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-80 °C
Storage Comment:	Store lyophilized product at 2-8 °C short term, following reconstitution, aliquot and store at -70 °C or lower.