

Datasheet for ABIN636532
anti-HIV-1 p24 antibody (Biotin)



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Overview

Quantity:	50 µg
Target:	HIV-1 p24
Reactivity:	Human Immunodeficiency Virus (HIV)
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HIV-1 p24 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	HIV1 p24 antibody (biotin) was raised in goat using purified, full length recombinant p24 (HIV-1 IIB) produced in baculovirus expression system as the immunogen.
Purity:	> 95 % pure

Target Details

Target:	HIV-1 p24
Alternative Name:	Human Immunodeficiency Virus 1 Capsid (HIV-1 p24 Products)
Target Type:	Viral Protein
Background:	HIV1 performs highly complex intertwined tasks during the assembly, budding, maturation and infection stages of the viral replication cycle. During viral assembly, the proteins form membrane associations and self-associations that result in budding of an immature virion from the infected cell. Gag precursors also function during viral assembly to selectively bind and

Target Details

package two plus strands of genomic RNA. Capsid protein p24 may form the conical core of the virus that encapsulates the genomic RNA-nucleocapsid complex.

Application Details

Application Notes: ELISA: 1:200-1:1,000, WB: 1:200-1:1,000
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in sterile distilled water.

Concentration: Lot specific

Buffer: Supplied lyophilized from PBS buffer, with no preservatives added

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -70 °C for long term storage.