Datasheet for ABIN287331
anti-GP120 antibody (Biotin)

Overview

Quantity:	50 μg
Target:	GP120 (HIV-1 gp120)
Reactivity:	Human Immunodeficiency Virus (HIV)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GP120 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	HIV1 gp120 antibody (biotin) was raised in rabbit using purified, full length recombinant gp120 (HIV-1) produced in baculovirus expression system as the immunogen.
Isotype:	IgG2b
Purity:	> 95 % pure

Target Details

Target:	GP120 (HIV-1 gp120)
Alternative Name:	HIV1 Gp120 (HIV-1 gp120 Products)
Target Type:	Viral Protein
Background:	Envelope glycoprotein GP120 (or gp120) is a glycoprotein exposed on the surface of the HIV envelope. The 120 in its name comes from its molecular weight of 120 kilodaltons. gp120 is essential for virus entry into cells as it plays a vital role in seeking out specific cell surface

Target Details

receptors for entry.

Application Details

Application Notes:	ELISA: 1:1,000, WB: 1:500-1:1,000
	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.