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Datasheet for ABIN966293 **anti-GP120 antibody**

Overview

Quantity:	0.5 mL
Target:	GP120 (HIV-1 gp120)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GP120 antibody is un-conjugated
Application:	Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	HIV-1 infected human cells.
Clone:	B463
Isotype:	IgG1
Specificity:	This antibody reacts with HIV-1 gp120. gp120 binds to overlapping sites in the CDR2-like region in the CD4 domain 1. The interaction between CD4 and gp 120 is needed for viral infection, but this interaction will not allow viral entry into cells.
Purification:	Concentrated. Purified from concentrated cell culture medium on Protein A column. This purified mouse immunoglobulin IgG1 contains approx. 10-20% bovine IgG.

Target Details

Target:	GP120 (HIV-1 gp120)
Alternative Name:	HIV-1 gp 120 (HIV-1 gp120 Products)

Target Details

Target Type: Viral Protein

Application Details

Application Notes: Immunohistochemistry: 1:50-1:100 on frozen tissue sections only.
Staining Procedure: This antibody can be used on frozen tissue sections. The antibody may be used at a dilution of 1:50-1:50-100 in IHC. The optimal conditions should be determined by the individual laboratory.

Comment: Recommended Positive Control: Lymphoid Tissue

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.3 mg/ml.

Buffer: 20 mM phosphate, 150 mM Sodium Chloride, pH 7.5

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C