



Rat Monoclonal Antibody to HIV-1 gp120

ADVANCED BIOSCIENCE LABORATORIES, INC.



IgG is purified by affinity chromatography on Protein A Sepharose

Catalog Number: 4318

Quantity: 100 µg

Isotype: IgG1

Immunogen: Mixture of purified gp120 of HIV-1_{IIIB} and HIV-1₄₅₁

- Reactivity:
- Cross-reacts with the gp120 of a number of HIV-1 isolates including HIV-1_{IIIB}, HIV-1_{MN}, HIV-1_{RF}, HIV-1₄₅₁, and HIV-1_{RUTZ} in ELISA and immunoblots
 - Does not react with HIV-2 and SIV_{MAC251} proteins
 - Binds to a conserved region in the envelope localized between aa35 and 108
 - Use 5 µg per assay in immunoblots

Reference(s): Veronese, F.D., Rahman, R., Pal, R., Boyer, C., Romano, J., Kalyanaraman, V.S., Nair, B.C., Gallo, R.C., and Sarngadharan, M.G. Delineation of immunoreactive, conserved regions in the external glycoprotein of the human immunodeficiency virus type 1. *AIDS Res. Hum. Retroviruses* 8:1125-1132, 1992.

* Determined using BCA Protein Estimation (Pierce Biotechnology, Inc., Rockford, IL). ABL does not guarantee equivalent protein concentration results with other assay methods.

This product does not contain sodium azide.

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