

Rat Monoclonal Antibody to HIV-1 gp120

ABL, 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_{IIB} and HIV-1₄₅₁

Reactivity:

- Cross-reacts with the gp120 of a number of HIV-1 isolates including HIV-1_{IIB}, 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.

ABL, INC.

9800 Medical Center Drive
Building D
Rockville, Maryland 20850

Phone: 301-816-5200
Fax: 301-816-5438
Email: info@ablinc.com
www.ablinc.com