

Mouse Monoclonal Antibody to HIV-1_{III_B} gp120

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IgG is purified by affinity chromatography on Protein A Sepharose

Catalog Number: 4317

Quantity: 100 µg

Isotype: IgG1

Immunogen: Purified native gp120 of HIV-1_{III_B}

Reactivity:

- Type-specific monoclonal antibody to HIV-1_{III_B} gp120
- Reacts with HIV-1_{III_B} gp120 in ELISA and immunoblots
- Inhibits syncytium formation by HIV-1-infected cells with CD4 positive uninfected cells
- Neutralizes viral infectivity by the HIV-1_{III_B} isolate in a type-specific manner
- Binds to the principal neutralizing determinant of HIV-1_{III_B} gp120 between aa307 and 320
- Use 5 µg in immunoblots

Reference(s): Pal, R., Veronese, F.D., Nair, B.C., Rahman, R., Hoke, G.M., Mumbauer, S.W., Gallo, R.C., and Sarngadharan, M.G. Characterization of type-specific neutralizing epitope on the external glycoprotein of HIV-1. *Intervirology*. 86:86-93, 1992.

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 Assay (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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