



## MONOBODIES

### ANTI-HIV-1 p24

Clone 39/6.14

**Catalog #:** 0801081    **Unit Size:** 100 µg

**Catalog #:** 0802014    **Unit Size:** 1 mg

#### PRODUCT CHARACTERISTICS

This murine monoclonal antibody reacts with Human Immunodeficiency Virus Type 1 (HIV-1) p24 protein. A strong reaction also has been observed with HIV-2 and Simian Immunodeficiency Virus (SIVmac251) p27 proteins by ELISA and Western blot. The antibody was raised by immunizing BALB/c mice with purified HIV-1 (Strain IIIB) lysate. It is of the IgG<sub>1</sub> subclass and has been purified from serum-free culture supernatant by protein G chromatography.

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Each vial contains 1 mg of antibody in phosphate buffered saline (PBS). No preservatives added.

#### RECOMMENDED USAGE

Anti-HIV-1 p24 Clone 39/6.14 is used to detect HIV-1, HIV-2 or SIV core protein in virus infected cells, cell lysates, culture fluid, serum or plasma. Works well in an indirect immunofluorescence assay, Western blot and immunoprecipitates antigen from radiolabeled infected cell extracts. This antibody is especially useful as a solid phase adsorbent or detector antibody in an ELISA format. Antibody dilutions should be prepared using buffers containing suitable protein in order to stabilize antibody activity. Optimal dilution of antibody must be determined experimentally by the investigator.

#### STORAGE AND STABILITY

Stable at -10°C or below. The material may be re-frozen after thawing. Repetitive freezing and thawing is not recommended (aliquot as necessary). Thawed material may be stored at 4°C for short-term usage.

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***FOR RESEARCH USE ONLY. NOT FOR in vitro DIAGNOSTIC OR CLINICAL USE***

*This Package Insert is provided for product evaluation purposes only and is not intended to be used in place of the Package Insert shipped with the product.*