



## MONOBODIES

### ANTI-HIV-1 p24

Clone 39/5.4A

**Catalog Number:** 0801080    **Unit Size:** 100 µg

**Catalog Number:** 0801136    **Unit Size:** 1 mg

#### PRODUCT CHARACTERISTICS

This murine monoclonal antibody reacts with Human Immunodeficiency Virus Type 1 (HIV-1) p24 protein. 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. No detectable reaction has been observed with HIV-2 or SIV (Simian Immunodeficiency Virus) viral lysates by ELISA or Western blot.

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Each vial contains 100 µg of antibody in PBS. No preservatives added.

#### RECOMMENDED USAGE

Anti-HIV-1 p24 Clone 39/5.4A is used to detect HIV-1 core protein in virus infected cells, cell lysates, culture fluid, serum or plasma. This antibody exhibits reactivity with HIV-1 infected cultures using indirect immunofluorescence, exhibits reactivity with viral lysates by Western blot and immunoprecipitates p24 protein 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.*