



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 IgG₁ 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.

CONTENTS

Each vial contains 1 mg 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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