



MONOCLONAL ANTIBODIES

ANTI - HIV-1 p17

Clone 2D11

Catalog Number: 0801076 **Unit Size:** 100 µg

Catalog Number: 0801122 **Unit Size:** 1 mg

PRODUCT CHARACTERISTICS

This murine monoclonal antibody reacts with Human Immunodeficiency Virus Type 1 (HIV-1) p17 core protein. The antibody was raised by immunizing BALB/c mice with purified HIV-1 (Strain IIIIB) lysate. It is of the IgG₁ subclass and has been purified from serum-free culture supernatant by ammonium sulfate precipitation.

CONTENTS

Each vial contains 1 mg of antibody in PBS. No preservatives added.

RECOMMENDED USAGE

Anti-HIV-1 p17 clone 2D11 exhibits reactivity by Western blot analysis of viral lysates and may be used in indirect immunostaining techniques to detect HIV-1 core protein in fresh or cultured HIV-1 infected cells. The antibody may also be valuable for the affinity isolation of HIV-1 core protein and immunoprecipitates p17 from radiolabeled infected cell extracts. 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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