



MONOBODIES

ANTI-HTLV-II p24

Clone 75/4.21.11

Catalog Number: 0801087 **Unit Size:** 100 µg

Catalog Number: 0801120 **Unit Size:** 1 mg

PRODUCT CHARACTERISTICS

Anti-HTLV-II p24 (Clone 75/4.21.11) reacts with Human T-Lymphotropic Virus Type II (HTLV-II) core protein. This murine monoclonal antibody exhibits reactivity with viral lysates examined using Western blotting and ELISA techniques. The antibody immunoprecipitates core protein from radiolabeled infected cell extracts. Cross reactivity of the antibody with HTLV-I p24 has been observed. The antibody was raised by immunizing mice with purified HTLV-II lysate. It is of the IgG₁ subclass and has been purified from serum-free culture supernatant by protein G chromatography.

CONTENTS

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

RECOMMENDED USAGE

The antibody is used to detect HTLV-II core protein in viral or infected cell lysates. Studies on core antigen synthesis and metabolism can be performed using Western blotting or radioimmunoprecipitation analysis. The antibody is also valuable for the affinity isolation of HTLV-II core protein. 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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