



MONOBODIES

ANTI-HTLV-I p19

Clone 45/6.11.1.3

Catalog Number: 0801082 **Unit Size:** 100 µg

Catalog Number: 0801108 **Unit Size:** 1 mg

PRODUCT CHARACTERISTICS

This murine monoclonal antibody reacts with Human T-Lymphotropic Virus Type I (HTLV-I) core p19. Cross reactivity with p19 from HTLV-II has been observed. The antibody is of the IgG₁ subclass and has been purified from serum-free cell culture supernatant by ammonium sulfate precipitation. Anti-HTLV-I p19 (clone 45/6.11.1.3) exhibits reactivity with viral lysates examined using Western blotting. It also exhibits reactivity with T-cell cultures which are infected with HTLV-I using indirect immunofluorescence. The antibody immunoprecipitates core protein from radiolabeled infected cell extracts.

CONTENTS

Each vial contains 100 µg of antibody in phosphate-buffered saline (PBS). No preservatives added.

RECOMMENDED USAGE

Anti-HTLV-I p19 Clone 45/6.11.1.3 is used to detect HTLV-I 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-I 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.

PI0801082

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