



MONOBODIES

ANTI-HTLV-I p24

Clone 46/3.24.4

ZMC Catalog #: 0801018 Unit Size: 100 µg

ZMC Catalog #: 0801110 Unit Size: 1 mg

PRODUCT CHARACTERISTICS

This murine monoclonal antibody reacts with Human T-Lymphotropic Virus Type I (HTLV-I) core protein. Cross reactivity with HTLV-II p24 has been observed. The antibody is of the IgG₁ subclass and has been purified from serum-free culture supernatant by protein A chromatography. The antibody is supplied as purified immunoglobulin at a concentration of approximately 1 mg/ml in phosphate-buffered saline. MONOBODIES Anti-HTLV-I p24 (clone 46/3.24.4) exhibits reactivity with viral lysates examined using Western blotting and ELISA techniques. The antibody immunoprecipitates core protein from radiolabeled infected cell extracts.

RECOMMENDED USAGE

Antibody dilutions should be prepared using buffers containing suitable protein in order to stabilize antibody activity. The antibody 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.

STORAGE

Aliquot and store at -20°C.

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Rev.:02/10

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