



MONOBODIES

ANTI-HTLV-I p19

Clone 45/6.11.1.3

ZMC Catalog #: 0801082 **Unit Size:** 100 µg

ZMC Catalog #: 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. The antibody is supplied as purified immunoglobulin in phosphate-buffered saline. MONOBODIES 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.

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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All products are for Research Use Only and not for *in vitro* Diagnostic Use

This Package Insert is provided for product evaluation purposes only and is not intended to be used in place of the Package Insert shipped with the product.