



## MONOBODIES

### **ANTI-HTLV-I gp 46**

Clone 65/6C2.2.34

**ZMC Catalog #:** 0802004 **Unit Size:** 100 µg

**ZMC Catalog #:** 0801094 **Unit Size:** 1 mg

### **PRODUCT**

#### **CHARACTERISTICS**

This murine monoclonal antibody reacts with Human T-Lymphotropic Virus Type I (HTLV-I) surface protein, gp46. The epitope is located between amino acids 210-306 of the viral env gene. Cross-reactivity with the surface protein of HTLV-II (MoT) has been observed. The antibody is of the IgG1 subclass and has been purified from serum-free culture supernatant by concentration and ammonium sulfate precipitation. The antibody is greater than 85% pure as determined using denaturing polyacrylamide gel electrophoresis. The antibody is supplied as purified immunoglobulin at a concentration of approximately 1 mg/ml in phosphate-buffered saline, pH 7.2. MONOBODIES Anti-HTLV-I gp46 (clone 65/6C2.2.34) exhibits reactivity with viral lysates using solidphase enzyme immunoassay and immunoblotting. It also reacts with HTLV-I infected cell lines using indirect immunofluorescence. The antibody immunoprecipitates gp46 surface protein from radiolabeled cell lysates, as well as viral precursor protein.

#### **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 surface protein and its precursor in lysates prepared from virions or infected cells. Using immunoblotting and/or radioimmunoprecipitation analysis, the biosynthesis and metabolism of viral surface protein may be studied.

**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.*

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Trial Version