



## MONOBODIES

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

Clone 67/5.5.13.1

**ZMC Catalog #:** 0801084 **Unit Size:** 100 µg

**ZMC Catalog#:** 0801127 **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 in phosphate-buffered saline, pH 7.2 MONOBODIES Anti-HTLV-I gp46 (clone

67/5.5.13.1) exhibits reactivity with viral lysates using solid-phase 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