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# TECHNICALLY Speaking

Place your order with CEDARLANE® or your local distributor.

Please contact CEDARLANE® for lot specific information.

## **Anti-Trypanosoma brucei Major Lysosomal Membrane Protein Monoclonal Antibody - Ascites**

**CLP007A**

**LOT:**

**DESCRIPTION:** Cedarlane's anti-Trypanosoma brucei major lysosomal membrane protein monoclonal antibody reacts with a high M.W. (80-140 kDa) epitope localized predominantly in the membranes of endosomes and lysosomes of the blood stream form of all T. brucei sub-species tested. The expression of this epitope is developmentally regulated as CLP007A shows no reactivity with procyclic forms of T. brucei. Applications include Western Blotting, immunofluorescence on living and fixed parasites and flow cytometry (1).

**PRESENTATION:** 0.5 ml, lyophilized ascites

**STORAGE/STABILITY:** Lyophilized form stable at 4°C or -20°C. Reconstitute with 0.5 ml of cold distilled water. After reconstitution, aliquot and freeze unused portions in volumes appropriate for single usage. Avoid repeated freeze/thaw cycles.

### **SPECIFICATIONS:**

**Clone:** CB1

**Immunogen:** enriched Ricin-binding glycoproteins

**Donor:** BALB/c spleen

**Fusion Partner:** myeloma cell line SP2/0

**Specificity:** Trypanosoma brucei major lysosomal membrane protein (bloodstream form)

**Ig Class:** Mouse IgM

**Format:** Ascitic fluid filtered to 0.8 µ (non-sterile) and lyophilized.

### **RECOMMENDED WORKING DILUTIONS:**

**Immunofluorescence:** 1:500\*

**Western Blot:** 1:3000\*

\*For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for use.

### **REFERENCES:**

1. Brickman, M.J., Balber, A.E. 1993. Trypanosoma brucei rhodesiense: Membrane glycoproteins localized primarily in endosomes and lysosomes of bloodstream forms. Exp. Parasitology 76,329-34

**FOR RESEARCH USE ONLY**

SV/02/22/99

For more information or to place an order please contact...

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