Anti-Kinetoplastid Membrane Protein-11 (KMP-11)  
(previously designated *Leishmania* LPGAP)  
Monoclonal Antibody - Ascites

**CLP004A**  
LOT: 0401

**DESCRIPTION:**
Kinetoplastid Membrane Protein-11 (KMP-11) is an 11 kDa membrane protein that is found in a wide variety of Kinetoplastid parasites including African trypanosomes, *Leishmania* and *Crithidia* (1,2). CLP004A was originally derived against *Leishmania donovani* promastigote lipophosphoglycan (3) and was subsequently found to recognize a protein that was tightly associated with the lipophosphoglycan molecule; the lipophosphoglycan-associated protein (LPGAP) (4). The LPGAP molecule has now been renamed Kinetoplastid Membrane Protein-11 (KMP-11) to indicate its wide distribution in Kinetoplastid parasites (1). CLP004A can be used for immunoblotting, immunofluorescence (permeabilized parasites only) and ELISA. It is useful for studying KMP-11 purification and expression in a wide variety of Kinetoplastids.

**PRESENTATION:**
0.5 ml. lyophilized ascites

**STORAGE:**
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. If slight turbidity appears, clarify by centrifugation before use.

**SPECIFICATIONS:**
- Clone: L-157
- Immunogen: *L. donovani* lipophosphoglycan semi-purified from epimastigotes
- Donor: BALB/c spleen
- Fusion Partner: myeloma cell line SP2/0
- Ig Class: Mouse IgG1
- Format: Ascitic fluid filtered to 0.8 µg (non-sterile) and lyophilized.

**RECOMMENDED WORKING DILUTIONS:**
- ELISA: 1:2,000*; Immunofluorescence: 1:500-1:1000*
- Immunoblots: 1:1000-1:3000*

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


