

Product datasheet for **AM01176SU-N**

Leishmania (gp63) Mouse Monoclonal Antibody [Clone ID: 96-126]

Product data:

Product Type:	Primary Antibodies
Clone Name:	96-126
Applications:	ELISA, IF
Recommended Dilution:	ELISA: 1/2000. Immunofluorescence: 1/500-1/1000. Not suitable for Immunoblotting.
Reactivity:	Leishmania donovani
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant baculovirus expressed <i>Leishmania</i> major gp63
Specificity:	Recognises the <i>Leishmania</i> major surface protease (gp63), a 63kDa highly conserved protein which is found at high density on many <i>Leishmania</i> species. This antibody recognises living and fixed parasites, but will not bind to denatured or improperly folded recombinant gp63.
Formulation:	State: Ascites State: Lyophilized Ascitic Fluid Stabilizer: None Preservative: None
Reconstitution Method:	Restore with 0.5 ml distilled water.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

The major surface metalloproteinase Gp63 plays an important role in the initial stages of Leishmania/macrophage interactions and the intracellular survival of the parasite. *Leishmania* is a protozoan of the genus of trypanosome, and the parasite responsible for the disease leishmaniasis.