

Datasheet: OBT2004

Description:	MOUSE ANTI LEISHMANIA MAJOR SURFACE PROTEASE gp63
Specificity:	LEISHMANIA MAJOR SURFACE PROTEASE gp63
Format:	Ascites
Product Type:	Monoclonal Antibody
Clone:	96/26
Isotype:	IgG2a
Quantity:	0.5 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/2000
Immunofluorescence	▪			1/500 - 1/1000
Immunoblotting		▪		

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Protozoan
Product Form	Ascitic Fluid - lyophilised
Reconstitution	Reconstitute with 0.5ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preservative Stabilisers	None present
Immunogen	Recombinant baculovirus expressed <i>L. major</i> gp63
External Database Links	UniProt:

RRID	AB_619111
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Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the X63Ag.653 myeloma cell line.
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Specificity	Mouse anti <i>Leishmania</i> Major Surface Protease gp63 antibody, clone 96/26 recognizes the <i>Leishmania</i> major surface protease (gp63), also known as Leishmanolysin, Promastigote surface endopeptidase or gp63. GP63 is a 477 amino acid ~63 kDa highly conserved protein which is found at high density on many <i>Leishmania</i> species. Mouse anti <i>Leishmania</i> Major Surface Protease gp63 antibody, clone 96-126 recognises living and fixed parasites, but will not bind to denatured or improperly folded recombinant gp63.
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References	1. Rodríguez, P. <i>et al.</i> (2013) Study of Functionalized Gold Nanoparticles with Anti-gp63 IgG Antibody for the Detection of Glycoprotein gp63 in Membrane Surface of <i>Leishmania</i> Genus Parasites. American Journal of Analytical Chemistry, 4: 100-8.
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Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10484 available at: 10484: https://www.bio-rad-antibodies.com/uploads/MSDS/10484.pdf
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Regulatory	For research purposes only
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North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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