Datasheet: OBT2007

BATCH NUMBER 167183

Description:	MOUSE ANTI TRYPANOSOMA BRUCEI PROCYCLIN GPEET
Specificity:	TRYPANOSOMA BRUCEI PROCYCLIN GPEET
Format:	Ascites
Product Type:	Monoclonal Antibody
Clone:	9G4
Isotype:	IgG3
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
ELISA	▪			
Immunofluorescence	▪			

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 - lypohilised
Reconstitution	0.5ml distilled sterile water
Preservative Stabilisers	None present
Immunogen	Recombinant protein containing the pentapeptidyl repeat sequence of GPEET-PARP linked to the C-terminus of glutathione-S-transferase.
External Database Links	**UniProt:** Q95PJ0 Related reagents
RRID	AB_619283

Specificity	**Mouse anti *Trypanosoma brucei* procyclin GPEET antibody, clone 9G4** recognizes *Trypanosoma brucei* procyclin, the major surface molecule present, characterized by the pentapetide repeat (GPEET) attached to the membrane via a complex glycosylphosphatidylinositol (GPI) anchor (Bütikofer *et al.* 2002).
References	1. Hwa, K.Y. *et al.* (1999) Protein glycosylation mutants of procyclic *Trypanosoma brucei*: defects in the asparagine-glycosylation pathway. Glycobiology. 9(2): 181-90. 2. Downey, N. & Donelson, J.E. (1999) Expression of foreign proteins in *Trypanosoma congolense*. Mol Biochem Parasitol. 104 (1): 39-53. 3. Bütikofer, P. *et al.* (2002) Characterisation and cellular localisation of a GPEET procyclin precursor in *Trypanosoma brucei* insect forms. Mol Biochem Parasitol. 119 (1): 87-95.
Storage	-20ºC only (ship +4ºC)
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10484 available at: https://www.bio-rad-antibodies.com/SDS/OBT2007 10484
Regulatory	For research purposes only

North & South America Tel: +1 800 265 7376 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

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M418649:230427'

Printed on 15 Mar 2024