

Datasheet: OBT2007

BATCH NUMBER 171102

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 - lypophilised

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 <i>Trypanosoma brucei</i> procyclin GPEET antibody, clone 9G4 recognizes <i>Trypanosoma brucei</i> procyclin, the major surface molecule present, characterized by the pentapeptide repeat (GPEET) attached to the membrane via a complex glycosylphosphatidylinositol (GPI) anchor (Bütikofer et al. 2002).
References	<ol style="list-style-type: none"> Hwa, K.Y. <i>et al.</i> (1999) Protein glycosylation mutants of procyclic <i>Trypanosoma brucei</i>: defects in the asparagine-glycosylation pathway. Glycobiology. 9(2): 181-90. Downey, N. & Donelson, J.E. (1999) Expression of foreign proteins in <i>Trypanosoma congolense</i>. Mol Biochem Parasitol. 104 (1): 39-53. Bütikofer, P. <i>et al.</i> (2002) Characterisation and cellular localisation of a GPEET procyclin precursor in <i>Trypanosoma brucei</i> insect forms. Mol Biochem Parasitol. 119 (1): 87-95.
Storage	-20°C only (ship +4°C)
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10194 available at: https://www.bio-rad-antibodies.com/SDS/OBT2007 10194
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](https://www.bio-rad-antibodies.com/datasheets)
'M369449:200529'

Printed on 15 Mar 2024