

Datasheet: OBT2007

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 - lyophilized
Reconstitution	0.5 ml 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 pentapeptide 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 -20°C only (ship +4°C)

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/OBT200710484>

Regulatory For research purposes only

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Printed on 15 Mar 2024

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