

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 - 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
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	1. 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.

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)
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet Documentation #10194 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10194.pdf
Regulatory	For research purposes only

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Printed on 25 May 2017

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