

Datasheet: 7450-0154

Description:	MOUSE ANTI PLASMODIUM FALCIPARUM SCHIZONT INFECTED RBCs
Specificity:	PLASMODIUM FALCIPARUM SCHIZONT INFECTED RBCs
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	11B7
Isotype:	IgM
Quantity:	1 mg

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
Immunofluorescence (1)	▪			

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 the appropriate negative/positive controls.

(1) **Acetone fixation is recommended for antigen detection in infected human red blood cells.**

Target Species	Protozoan
Product Form	Ig fraction - liquid
Preparation	Ig fraction prepared by ammonium sulphate precipitation
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgM concentration 1.0 mg/ml
Immunogen	Trypsinised fraction of <i>P. falciparum</i> conjugated with mouse albumin.
Specificity	Mouse anti <i>Plasmodium falciparum</i> antibody, clone 11B7 reacts only with erythrocytes infected in the late stages (schizonts), not the parasite itself. It binds to the Maurer's clefts - a system of membranes derived from the parasitophorus vacuole membranes, visible in the form of dots in the cell cytoplasm.
Storage	Store at +4°C or at -20°C if preferred. 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.

Shelf Life 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10040 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgM (STAR86...) [RPE](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgM (STAR138...) [Alk. Phos.](#)
Human Anti Mouse IgM (HCA040...) [FITC](#), [HRP](#)

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

'M313047:180312'

Printed on 12 Mar 2018

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