

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.
RRID	AB_619190

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.
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgM (STAR138...) [Alk. Phos.](#)

Human Anti Mouse IgM (HCA040...) [FITC](#)

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