

Datasheet: 302009

Description:	GOAT ANTI RAT IgM:RPE
Specificity:	IgM
Format:	RPE
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 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
Flow Cytometry	▪			Neat - 1/5

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	Rat		
Product Form	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	RPE 488nm laser	496	578

Antiserum Preparation Antiserum to rat IgM was raised by repeated immunisation of goats with highly purified antigen. The preparation was purified by affinity chromatography on rat IgM covalently linked to agarose.

Buffer Solution	Phosphate buffered saline
Preservative	<0.1% Sodium Azide (NaN ₃)
Stabilisers	Stabilizing agent (sucrose)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Normal rat IgM.

RRID	AB_616872
Specificity	Goat anti Rat IgM antibody recognizes rat IgM as demonstrated by ELISA. This antibody has been cross-absorbed against rat IgG, but may react with IgM from other species.
Flow Cytometry	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
References	1. Brissette, C.A. <i>et al.</i> (2012) Acetate supplementation reduces microglia activation and brain interleukin-1 β levels in a rat model of Lyme neuroborreliosis. J Neuroinflammation. 9: 249.
Storage	+4°C DO NOT FREEZE This product is photosensitive and should be protected from light. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #10045 available at: 10045: https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf
Regulatory	For research purposes only

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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)
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