

## Datasheet: 302003

<b>Description:</b>	GOAT ANTI RAT IgM:TRITC
<b>Specificity:</b>	IgM
<b>Format:</b>	TRITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
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.

<b>Target Species</b>	Rat		
<b>Product Form</b>	Purified IgG conjugated to TRITC - Liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	TRITC	557	576

**Antiserum Preparation** Antisera to rat IgM were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on rat IgM covalently linked to agarose.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium azide
<b>Approx. Protein Concentrations</b>	1.0 mg/ml
<b>Immunogen</b>	Normal rat IgM.
<b>Specificity</b>	<b>Goat anti Rat IgM antibody</b> recognizes rat IgM as demonstrated by ELISA. This antibody has been cross-absorbed against rat IgG, but may react with IgM from other species.

**References** 1. Brissette, C.A. *et al.* (2012) Acetate supplementation reduces microglia activation and brain interleukin-1 $\beta$  levels in a rat model of Lyme neuroborreliosis. [J Neuroinflammation. 9: 249.](#)

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**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 protein. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life** Please see label for expiry date.

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**Health And Safety Information** Material Safety Datasheet documentation #10303 available at:  
10303: <https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf>

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**Regulatory** For research purposes only

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**Printed on 01 Aug 2018**

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