

Datasheet: 103003

**BATCH NUMBER 155406**

<b>Description:</b>	GOAT ANTI MOUSE IgG:TRITC
<b>Specificity:</b>	IgG
<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
Flow Cytometry			▪	
ELISA			▪	
Immunofluorescence	▪			

Where this antibody 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 antibody for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Mouse		
<b>Product Form</b>	Ig Fraction conjugated to Rhodamine (TRITC) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	TRITC	557	576
<b>Preparation</b>	Purified Ig prepared by affinity chromatography on pooled mouse IgG covalently linked to agarose		
<b>Antiserum Preparation</b>	Antisera to mouse IgG were raised by repeated immunisations of goats with highly purified antigen.		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )		

<b>Approx. Protein Concentrations</b>	Ig concentration 1.0 mg/ml
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01867</a>      <a href="#">Related reagents</a></p> <p><a href="#">P01865</a>      <a href="#">Related reagents</a></p> <p><a href="#">P01863</a>      <a href="#">Related reagents</a></p> <p><a href="#">P01864</a>      <a href="#">Related reagents</a></p> <p><a href="#">P01868</a>      <a href="#">Related reagents</a></p> <p><a href="#">P01869</a>      <a href="#">Related reagents</a></p> <p><a href="#">P03987</a>      <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">16016</a>    Ighg2b      <a href="#">Related reagents</a></p> <p><a href="#">380793</a>    Igh-1a      <a href="#">Related reagents</a></p> <p><a href="#">16017</a>    Ighg1      <a href="#">Related reagents</a></p> <p><a href="#">16017</a>    Ighg1      <a href="#">Related reagents</a></p> <p><a href="#">380793</a>    Igh-1a      <a href="#">Related reagents</a></p> <p><a href="#">380793</a>    Igh-1a      <a href="#">Related reagents</a></p> <p><a href="#">380795</a>    AI324046    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Igh-4
<b>RRID</b>	AB_2103448
<b>Specificity</b>	<p><b>Goat anti Mouse IgG antibody</b> recognizes mouse IgG, recognising the heavy chain of mouse IgG1, IgG2a, IgG2b and IgG3 as demonstrated by ELISA.</p> <p>Goat anti Mouse IgG antibody has been cross-adsorbed against mouse IgM, mouse IgA and human serum to reduce potential cross-reactivity.</p>
<b>References</b>	<ol style="list-style-type: none"> <li>1. Joimel, U. <i>et al.</i> (2010) Stimulation of angiogenesis resulting from cooperation between macrophages and MDA-MB-231 breast cancer cells: proposed molecular mechanism and effect of tetrathiomolybdate. <a href="#">BMC Cancer. 10: 375.</a></li> <li>2. Childs K <i>et al.</i> (2012) Paramyxovirus V proteins interact with the RNA Helicase LGP2 to inhibit RIG-I-dependent interferon induction. <a href="#">J Virol. 86 (7): 3411-21.</a></li> <li>3. Moalli, F. <i>et al.</i> (2015) Intravital and whole-organ imaging reveals capture of melanoma-derived antigen by lymph node subcapsular macrophages leading to widespread deposition on follicular dendritic cells. <a href="#">Front Immunol. 6: 114.</a></li> <li>4. Ramos-Sevillano, E. <i>et al.</i> (2016) PSGL-1 on Leukocytes is a Critical Component of the Host Immune Response against Invasive Pneumococcal Disease. <a href="#">PLoS Pathog. 12 (3): e1005500.</a></li> <li>5. Abbate, F. <i>et al.</i> (2016) Acid-sensing ion channel immunoreactivities in the cephalic neuromasts of adult zebrafish. <a href="#">Ann Anat. 207: 27-31.</a></li> </ol>
<b>Storage</b>	Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/103003">https://www.bio-rad-antibodies.com/SDS/103003</a> 10040
<b>Regulatory</b>	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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