

Datasheet: 103003

BATCH NUMBER 160275

Description:	GOAT ANTI MOUSE IgG:TRITC
Specificity:	IgG
Format:	TRITC
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
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
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.

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

Approx. Protein Concentrations	Ig concentration 1.0 mg/ml	
External Database Links	<p>UniProt:</p> <p>P01867 Related reagents</p> <p>P01865 Related reagents</p> <p>P01863 Related reagents</p> <p>P01864 Related reagents</p> <p>P01868 Related reagents</p> <p>P01869 Related reagents</p> <p>P03987 Related reagents</p> <p>Entrez Gene:</p> <p>16016 Ighg2b Related reagents</p> <p>380793 Igh-1a Related reagents</p> <p>16017 Ighg1 Related reagents</p> <p>16017 Ighg1 Related reagents</p> <p>380793 Igh-1a Related reagents</p> <p>380793 Igh-1a Related reagents</p> <p>380795 AI324046 Related reagents</p>	
Synonyms	Igh-4	
RRID	AB_2103448	
Specificity	<p>Goat anti Mouse IgG antibody 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>	
References	<ol style="list-style-type: none"> 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. BMC Cancer. 10: 375. Childs K <i>et al.</i> (2012) Paramyxovirus V proteins interact with the RNA Helicase LGP2 to inhibit RIG-I-dependent interferon induction. J Virol. 86 (7): 3411-21. 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. Front Immunol. 6: 114. 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. PLoS Pathog. 12 (3): e1005500. Abbate, F. <i>et al.</i> (2016) Acid-sensing ion channel immunoreactivities in the cephalic neuromasts of adult zebrafish. Ann Anat. 207: 27-31. Shea, G.K. <i>et al.</i> (2020) Juxtacrine signalling via Notch and ErbB receptors in the switch to fate commitment of bone marrow-derived Schwann cells. Eur J Neurosci. 52 (5): 	

Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.
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Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

Guarantee	Guaranteed until date of expiry. Please see product label.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/103003 10040
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Regulatory	For research purposes only
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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
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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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