

Datasheet: 103001F

Description:	GOAT ANTI MOUSE IgG:FITC
Specificity:	IgG
Format:	FITC
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	▪			
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.

Target Species	Mouse						
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid						
Max Ex/Em	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>525</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	FITC	490	525
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
FITC	490	525					

Antiserum Preparation Antisera to mouse IgG were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography on pooled mouse IgG covalently linked to agarose.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

**External Database
Links**

UniProt:

P01867	Related reagents
P01865	Related reagents
P01863	Related reagents
P01864	Related reagents
P01868	Related reagents
P01869	Related reagents
P03987	Related reagents

Entrez Gene:

16016	Ighg2b	Related reagents
380793	Igh-1a	Related reagents
16017	Ighg1	Related reagents
16017	Ighg1	Related reagents
380793	Igh-1a	Related reagents
380793	Igh-1a	Related reagents
380795	AI324046	Related reagents

Synonyms

Igh-4

Specificity

Goat anti Mouse IgG antibody recognizes mouse IgG, recognising the heavy chain of mouse IgG1, IgG2a, IgG2b and IgG3 as demonstrated by ELISA.

Goat anti Mouse IgG antibody has been cross-adsorbed against mouse IgM, mouse IgA and human serum to reduce potential cross-reactivity.

References

1. Joimel, U. *et al.* (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.](#)
2. Childs K *et al.* (2012) Paramyxovirus V proteins interact with the RNA Helicase LGP2 to inhibit RIG-I-dependent interferon induction. [J Virol. 86 \(7\): 3411-21.](#)
3. Moalli, F. *et al.* (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.](#)
4. Ramos-Sevillano, E. *et al.* (2016) PSGL-1 on Leukocytes is a Critical Component of the Host Immune Response against Invasive Pneumococcal Disease. [PLoS Pathog. 12 \(3\): e1005500.](#)
5. Abbate, F. *et al.* (2016) Acid-sensing ion channel immunoreactivities in the cephalic neuromasts of adult zebrafish. [Ann Anat. 207: 27-31.](#)

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. 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.

Guarantee Guaranteed until date of expiry. Please see product label.

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

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

From March 15, 2021, we will no longer supply printed datasheets with our products.
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

'M358085:190911'

Printed on 11 Feb 2021

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)