

Datasheet: 103006

BATCH NUMBER 161869

Description:	GOAT ANTI MOUSE IgG:BGAL
Specificity:	IgG
Format:	BGAL
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/200 - 1/500
Immunoprecipitation			▪	
Western Blotting			▪	
Immunoblotting			▪	

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	Purified IgG conjugated to Beta Galactosidase - liquid
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) 50% Glycerol

**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

RRID AB_609690

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.](#)
6. Shea, G.K. *et al.* (2020) Juxtacrine signalling via Notch and ErbB receptors in the switch to fate commitment of bone marrow-derived Schwann cells. [Eur J Neurosci. 52 \(5\): 3306-21.](#)

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee	Guaranteed until date of expiry. Please see product label.
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Health And Safety Information	Material Safety Datasheet documentation #10328 available at: https://www.bio-rad-antibodies.com/SDS/103006 10328
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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)
'M382851:210513'

Printed on 14 Mar 2024

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