Datasheet: 103008

Description:	GOAT ANTI MOUSE IgG:Biotin
Specificity:	IgG
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 mg

Product Details

RRID AB_2103446

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	▪			1/5,000 - 1/20,000
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence	▪			
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 Biotin - liquid

Preparation Purified IgG 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 0.5 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 +4ºC or at -20ºC 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 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 #10303 available at: 10303: https://www.bio-rad-antibodies.com/uploads/MSDS/10303.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

'M350081:190307'

Printed on 20 May 2019