

Datasheet: 107008

BATCH NUMBER 010615

Description:	GOAT ANTI MOUSE IgG1:Biotin
Specificity:	IgG1
Format:	Biotin
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			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/1000 - 1/10,000

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 appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antisera to mouse IgG1 were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on Mouse IgG1 covalently linked to agarose.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml

Immunogen Mouse IgG1 paraproteins.

External Database

Links

UniProt:

[P01868](#)

[Related reagents](#)

[P01869](#)

[Related reagents](#)

Entrez Gene:

[16017](#)

Ighg1

[Related reagents](#)

[16017](#)

Ighg1

[Related reagents](#)

Synonyms

Igh-4

RRID

AB_609714

Specificity

Goat anti Mouse IgG1 antibody recognizes mouse immunoglobulin isotype G1.

Goat anti Mouse IgG1 antibody has been adsorbed against mouse IgM, IgG2a, IgG2b, IgG3, IgA and human sera to minimise cross-reactivity.

References

1. Jackson, S.J. *et al.* (2004) Cannabinoid-mediated neuroprotection following interferon-gamma treatment in a three-dimensional mouse brain aggregate cell culture. [Eur J Neurosci. 20: 2267-75.](#)

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

Guarantee

12 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/107008>
10040

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

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