

Datasheet: 107008

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.](#)
2. Kushwaha, V. & Kaur, S. (2021) Cross-protective efficacy of immuno-stimulatory recombinant *Brugia malayi*. protein HSP60 against the *Leishmania donovani*. in BALB/c mice. [Biologicals. 72: 18-26.](#)
3. Sen, S., *et al.* (2014) Study of Maturation of Synapses in the Human Tongue Epithelium Using Synaptophysin as Marker: An Immunohistochemical Approach. [Journal of Pioneering Medical Sciences, 4\(3\), 105-111.](#)

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 for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

**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

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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)

