

Datasheet: 103008

BATCH NUMBER 166719

| | |
|----------------------|----------------------------|
| Description: | GOAT ANTI MOUSE IgG:Biotin |
| Specificity: | IgG |
| 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 | | | ▪ | |
| 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 ConcentrationsIg 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](#)

SynonymsIgh-4

RRIDAB_2103446

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.](#)

7. Siqueira, R.F. & Fernandes, R.L. (2018) Cryopreservation of lymphocytes for immunological studies in horses [Pesquisa Veterinária Brasileira. 38 \(11\): 2019-22.](#)

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/103008>
10040

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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)

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