

Datasheet: 103001

BATCH NUMBER 162648

| | |
|----------------------|---------------------|
| Description: | GOAT ANTI MOUSE IgG |
| Specificity: | IgG |
| Format: | Purified |
| 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 | ▪ | | | 1/2000 - 1/4000 |
| 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 | Ig fraction - liquid |
| Preparation | Purified Ig 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 | Borate buffered saline |
| Preservative | None Present |

Stabilisers

| | |
|--------------------------------|----------------------------|
| Approx. Protein Concentrations | Ig concentration 1.0 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 |
|----------|-------|

| | |
|------|-----------|
| RRID | AB_609693 |
|------|-----------|

| | |
|-------------|--|
| 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 | Store at -20°C only. 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 #10123 available at: https://www.bio-rad-antibodies.com/SDS/10300110123 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

| | | | | | |
|----------------------------------|---|------------------|---|---------------|---|
| 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 |
|----------------------------------|---|------------------|---|---------------|---|

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M392000:211020'

Printed on 14 Mar 2024