

Datasheet: 101002

**BATCH NUMBER 166265**

|                      |                                    |
|----------------------|------------------------------------|
| <b>Description:</b>  | GOAT ANTI MOUSE IgG/A/M (H/L):FITC |
| <b>Specificity:</b>  | IgG IgA IgM (H/L)                  |
| <b>Format:</b>       | FITC                               |
| <b>Product Type:</b> | Polyclonal Antibody                |
| <b>Isotype:</b>      | Polyclonal IgG                     |
| <b>Quantity:</b>     | 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](http://www.bio-rad-antibodies.com/protocols).

|                | Yes | No | Not Determined | Suggested Dilution |
|----------------|-----|----|----------------|--------------------|
| Flow Cytometry | ▪   |    |                | 1/5 - 1/20         |

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.

| <b>Target Species</b> | Mouse  |                   |                     |                   |      |     |     |
|-----------------------|--|-------------------|---------------------|-------------------|------|-----|-----|
| <b>Product Form</b>   | Ig Fraction conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid  |                   |                     |                   |      |     |     |
| <b>Max Ex/Em</b>      | <table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>525</td> </tr> </tbody> </table> | Fluorophore       | Excitation Max (nm) | Emission Max (nm) | FITC | 490 | 525 |
| Fluorophore           | Excitation Max (nm)  | Emission Max (nm) |                     |                   |      |     |     |
| FITC                  | 490  | 525               |                     |                   |      |     |     |

**Antiserum Preparation** Antisera to Mouse IgG, IgA and IgM were raised by repeated immunisation of goats with pooled mouse IgG, IgA and IgM paraproteins.

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** <0.1% Sodium Azide (NaN<sub>3</sub>)

**Approx. Protein Concentrations** IgG concentration 1mg/ml

**Immunogen** Purified mouse IgG, IgA and IgM.

**External Database  
Links**

**UniProt:**

|                        |                                  |
|------------------------|----------------------------------|
| <a href="#">P01864</a> | <a href="#">Related reagents</a> |
| <a href="#">P01872</a> | <a href="#">Related reagents</a> |
| <a href="#">P03987</a> | <a href="#">Related reagents</a> |
| <a href="#">P01873</a> | <a href="#">Related reagents</a> |
| <a href="#">P01868</a> | <a href="#">Related reagents</a> |
| <a href="#">P01865</a> | <a href="#">Related reagents</a> |
| <a href="#">P01869</a> | <a href="#">Related reagents</a> |
| <a href="#">P01878</a> | <a href="#">Related reagents</a> |
| <a href="#">P01867</a> | <a href="#">Related reagents</a> |
| <a href="#">P01863</a> | <a href="#">Related reagents</a> |
| <a href="#">P01844</a> | <a href="#">Related reagents</a> |
| <a href="#">P01843</a> | <a href="#">Related reagents</a> |
| <a href="#">P01845</a> | <a href="#">Related reagents</a> |
| <a href="#">P01834</a> | <a href="#">Related reagents</a> |

**Entrez Gene:**

|                        |           |                                  |
|------------------------|-----------|----------------------------------|
| <a href="#">380793</a> | Igh-1a    | <a href="#">Related reagents</a> |
| <a href="#">16019</a>  | Ighm      | <a href="#">Related reagents</a> |
| <a href="#">16017</a>  | Ighg1     | <a href="#">Related reagents</a> |
| <a href="#">16019</a>  | Ighm      | <a href="#">Related reagents</a> |
| <a href="#">380793</a> | Igh-1a    | <a href="#">Related reagents</a> |
| <a href="#">380795</a> | AI324046  | <a href="#">Related reagents</a> |
| <a href="#">3514</a>   | IGKC      | <a href="#">Related reagents</a> |
| <a href="#">16016</a>  | Ighg2b    | <a href="#">Related reagents</a> |
| <a href="#">16017</a>  | Ighg1     | <a href="#">Related reagents</a> |
| <a href="#">16061</a>  | Igh-VJ558 | <a href="#">Related reagents</a> |
| <a href="#">110786</a> | Iglc2     | <a href="#">Related reagents</a> |
| <a href="#">110787</a> | Iglc3     | <a href="#">Related reagents</a> |
| <a href="#">380793</a> | Igh-1a    | <a href="#">Related reagents</a> |
| <a href="#">433053</a> | LOC433053 | <a href="#">Related reagents</a> |

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**Synonyms**      Igh-4

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**RRID**            AB\_609711

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**Specificity**      **Goat anti Mouse IgG/A/M** reacts with the heavy and light chains of all major classes of mouse immunoglobulin.

The antibody has been adsorbed against human serum to minimise cross-reactivity with human immunoglobulins.

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**Flow Cytometry**      Use 10ul of the suggested working dilution to label 10<sup>6</sup> cells in 100ul.

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**References**

1. Ding, G. *et al.* (2010) Effect of cryopreservation on biological and immunological properties of stem cells from apical papilla. [J Cell Physiol. 22: 415-22.](#)
2. Shao, L. *et al.* (2015) Comparative *In Vitro* and *In Vivo* Studies of Porcine Rotavirus G9P[13] and Human Rotavirus Wa G1P[8]. [J Virol. 90 \(1\): 142-51.](#)
3. Iver, S. *et al.* (2019) Probing BAK and BAX Activation and Pore Assembly with Cytochrome c Release, Limited Proteolysis, and Oxidant-Induced Linkage. [Methods Mol Biol. 1877: 201-16.](#)

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**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. This product is photosensitive and should be protected from light.

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**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.

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/101002>  
10040

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**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)

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