

## Datasheet: 101002

<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
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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>

[P01873](#) [Related reagents](#)  
[P01868](#) [Related reagents](#)  
[P01865](#) [Related reagents](#)  
[P01869](#) [Related reagents](#)  
[P01878](#) [Related reagents](#)  
[P01867](#) [Related reagents](#)  
[P01863](#) [Related reagents](#)  
[P01844](#) [Related reagents](#)  
[P01843](#) [Related reagents](#)  
[P01845](#) [Related reagents](#)  
[P01834](#) [Related reagents](#)

**Entrez Gene:**

[380793](#) Igh-1a [Related reagents](#)  
[16019](#) Ighm [Related reagents](#)  
[16017](#) Ighg1 [Related reagents](#)  
[16019](#) Ighm [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[380795](#) AI324046 [Related reagents](#)  
[3514](#) IGKC [Related reagents](#)  
[16016](#) Ighg2b [Related reagents](#)  
[16017](#) Ighg1 [Related reagents](#)  
[16061](#) Igh-VJ558 [Related reagents](#)  
[110786](#) Iglc2 [Related reagents](#)  
[110787](#) Iglc3 [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[433053](#) LOC433053 [Related reagents](#)

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**Synonyms**

Igh-4

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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.](#)

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**Storage**

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light.

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

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**Shelf Life** 12 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation #10303 available at:  
10303: <https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf>

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**Regulatory** For research purposes only

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