

## Datasheet: 101009

<b>Description:</b>	GOAT ANTI MOUSE IgG/A/M (H/L):RPE
<b>Specificity:</b>	IgG IgA IgM (H/L)
<b>Format:</b>	RPE
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 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	▪			1/20 - 1/50

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>	Purified IgG conjugated to R. Phycoerythrin (RPE) - 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>RPE 488nm laser</td> <td>496</td> <td>578</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	RPE 488nm laser	496	578
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
RPE 488nm laser	496	578					
<b>Antiserum Preparation</b>	Antisera to Mouse IgG, IgA and IgM were raised by repeated immunisation of goats with pooled mouse IgG, IgA and IgM paraproteins.						
<b>Buffer Solution</b>	Phosphate buffered saline						
<b>Preservative</b>	0.1% Sodium Azide (NaN <sub>3</sub> )						
<b>Stabilisers</b>	Stabilizing agent						
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml						
<b>Immunogen</b>	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**

- 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.](#)
- 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. DO NOT FREEZE.  
This product should be stored undiluted. This product is photosensitive and should be protected from light.

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**Shelf Life** Please see label for expiry date.

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**Health And Safety** Material Safety Datasheet documentation #10331 available at:

**Information**

10331: <https://www.bio-rad-antibodies.com/uploads/MSDS/10331.pdf>

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**Regulatory**

For research purposes only

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