

Datasheet: 101001

**BATCH NUMBER 167696**

<b>Description:</b>	GOAT ANTI MOUSE IgG/A/M (H/L)
<b>Specificity:</b>	IgG IgA IgM (H/L)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	2 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	▪			
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
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 appropriate negative/positive controls.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG - liquid
<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. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Borate buffered saline
<b>Preservative Stabilisers</b>	None present.
<b>Approx. Protein Concentrations</b>	IgG concentration 1mg/ml

## 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>

## Synonyms

Igh-4

## RRID

AB\_609680

## 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.

## 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.](#)

---

## 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 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 #10123 available at:  
<https://www.bio-rad-antibodies.com/SDS/101001>  
10123

---

## 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](mailto: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](mailto: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](mailto: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](https://www.bio-rad-antibodies.com/datasheets)  
'M420274:230706'

Printed on 01 Mar 2024