

Datasheet: 0300-0108P

**BATCH NUMBER 164031**

<b>Description:</b>	GOAT ANTI MOUSE IgG (H/L):HRP
<b>Specificity:</b>	IgG (H/L)
<b>Format:</b>	HRP
<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			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting	▪			

Where this product 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 product for use in their own system using appropriate negative/positive controls.

### Target Species

Mouse

### Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

### Antiserum Preparation

Antisera to mouse IgG were raised by repeated immunisations of goats with highly purified antigen. Purified IgG prepared by affinity chromatography.

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.01% Thiomersal

### Approx. Protein Concentrations

IgG concentration 1.0mg/ml

## External Database

## Links

## UniProt:

<a href="#">P01868</a>	<a href="#">Related reagents</a>
<a href="#">P01869</a>	<a href="#">Related reagents</a>
<a href="#">P03987</a>	<a href="#">Related reagents</a>
<a href="#">P01843</a>	<a href="#">Related reagents</a>
<a href="#">P01867</a>	<a href="#">Related reagents</a>
<a href="#">P01865</a>	<a href="#">Related reagents</a>
<a href="#">P01863</a>	<a href="#">Related reagents</a>
<a href="#">P01864</a>	<a href="#">Related reagents</a>
<a href="#">P01844</a>	<a href="#">Related reagents</a>
<a href="#">P01845</a>	<a href="#">Related reagents</a>
<a href="#">P01837</a>	<a href="#">Related reagents</a>

## Entrez Gene:

<a href="#">16017</a>	Ighg1	<a href="#">Related reagents</a>
<a href="#">16017</a>	Ighg1	<a href="#">Related reagents</a>
<a href="#">16016</a>	Ighg2b	<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="#">433053</a>	LOC433053	<a href="#">Related reagents</a>
<a href="#">16071</a>	Igk-C	<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="#">380793</a>	Igh-1a	<a href="#">Related reagents</a>

## Synonyms

Igh-4

## RRID

AB\_808614

## Specificity

**Goat anti Mouse IgG (H/L) antibody** recognises mouse IgG heavy and light chains.

## References

1. Jonasson, S. *et al.* (2013) Inhalation exposure of nano-scaled titanium dioxide (TiO<sub>2</sub>) particles alters the inflammatory responses in asthmatic mice. [Inhal Toxicol. 25: 179-91.](#)
2. Gustafsson, Å *et al.* (2015) Differential cellular responses in healthy mice and in mice with established airway inflammation when exposed to hematite nanoparticles. [Toxicol Appl Pharmacol. 288 \(1\): 1-11.](#)
3. Nam, H.M. *et al.* (2013) Immune responses in mice vaccinated with virus-like particles composed of the GP5 and M proteins of porcine reproductive and respiratory syndrome virus. [Arch Virol. 158 \(6\): 1275-85.](#)

## 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.

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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10094 available at: <a href="https://www.bio-rad-antibodies.com/SDS/0300-0108P">https://www.bio-rad-antibodies.com/SDS/0300-0108P</a> 10094
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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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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