

Datasheet: 0300-0108P

**BATCH NUMBER 151221**

|                      |                               |
|----------------------|-------------------------------|
| <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  
HRP Stabiliser ([BUF052A](#))

### Approx. Protein Concentrations

IgG concentration 1.0mg/ml

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**Immunogen** Native murine immunoglobulin G.

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**External Database Links**

**UniProt:**

[P01868](#) [Related reagents](#)  
[P01869](#) [Related reagents](#)  
[P03987](#) [Related reagents](#)  
[P01843](#) [Related reagents](#)  
[P01867](#) [Related reagents](#)  
[P01865](#) [Related reagents](#)  
[P01863](#) [Related reagents](#)  
[P01864](#) [Related reagents](#)  
[P01844](#) [Related reagents](#)  
[P01845](#) [Related reagents](#)  
[P01837](#) [Related reagents](#)

**Entrez Gene:**

[16017](#) Ighg1 [Related reagents](#)  
[16017](#) Ighg1 [Related reagents](#)  
[16016](#) Ighg2b [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[380795](#) AI324046 [Related reagents](#)  
[433053](#) LOC433053 [Related reagents](#)  
[16071](#) Iglk-C [Related reagents](#)  
[110786](#) Iglc2 [Related reagents](#)  
[110787](#) Iglc3 [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)

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**Synonyms** Igh-4

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**RRID** AB\_808614

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

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**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.](#)

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**Storage** Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. Should this product contain a precipitate we

recommend microcentrifugation before use.

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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 #10131 available at:<br><a href="https://www.bio-rad-antibodies.com/SDS/0300-0108P">https://www.bio-rad-antibodies.com/SDS/0300-0108P</a><br>10131 |
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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)  
'M362803:200528'

**Printed on 10 Jul 2024**

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