

Datasheet: 5178-2504

**BATCH NUMBER 157577**

|                      |                               |
|----------------------|-------------------------------|
| <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>     | 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 |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen   | ▪   |    |                | 1/500 - 1/2500     |
| Immunohistology - Paraffin |     |    | ▪              |                    |
| ELISA                      | ▪   |    |                | 1/40000 - 1/80000  |
| Western Blotting           | ▪   |    |                | 1/2000 - 1/10000   |

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 the appropriate negative/positive controls.

### Target Species

Mouse

### Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - lyophilized

### Reconstitution

Reconstitute with 1.0 ml distilled water

Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.

### Preparation

Purified IgG was prepared from whole serum by immunoaffinity chromatography using Mouse IgG followed by solid phase adsorption to remove unwanted reactivities.

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

1% Bovine Serum Albumin

0.01% Gentamicin sulphate

**Approx. Protein Concentrations** 2.0 mg/ml after reconstitution

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**Immunogen** Mouse IgG, whole molecule.

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**External Database Links**

**UniProt:**

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

**Entrez Gene:**

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

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**Synonyms** Igh-4

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**RRID** AB\_619899

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**Specificity** **Goat anti Mouse IgG antibody** recognizes both the heavy and light chains of mouse IgG. In immunoelectrophoresis a single precipitin arc was observed against anti-peroxidase, anti-goat serum, mouse IgG and mouse serum.

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**References**

1. Farr, A.G. & Nakane, P.K. (1981) Immunohistochemistry with enzyme labeled antibodies: a brief review. [J. Immunol. Methods 47: 129-144.](#)
2. Donner, K.M. *et al.* (2012) Generalized glucocorticoid resistance caused by a novel two-nucleotide deletion in the hormone-binding domain of the glucocorticoid receptor gene NR3C1. [Eur J Endocrinol. 168: K9-K18.](#)

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**Storage** This product is shipped at ambient temperature. Prior to reconstitution store at +4°C. After reconstitution it is recommended to 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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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10482 available at: <https://www.bio-rad-antibodies.com/SDS/5178-2504>  
10482

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**Regulatory** 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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