

## Datasheet: 5178-2504

|                      |                               |
|----------------------|-------------------------------|
| <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.

|                                       |   |
|---------------------------------------|---|
| <b>Target Species</b>                 | Mouse   |
| <b>Product Form</b>                   | Purified IgG conjugated to Horseradish Peroxidase (HRP) - lyophilised   |
| <b>Reconstitution</b>                 | Use 1 ml of sterile DI water. For extended storage reconstitute product with 50% glycerol instead of water and aliquot and store at -20°C.                      |
| <b>Preparation</b>                    | Purified IgG was prepared from whole serum by immunoaffinity chromatography using Mouse IgG followed by solid phase adsorption to remove unwanted reactivities. |
| <b>Buffer Solution</b>                | Phosphate buffered saline   |
| <b>Preservative</b>                   | 1% Bovine Serum Albumin   |
| <b>Stabilisers</b>                    | 0.01% Gentamicin sulphate   |
| <b>Approx. Protein Concentrations</b> | 2.0 mg/ml after reconstitution  |
| <b>Immunogen</b>                      | Mouse IgG, whole molecule.  |
| <b>External Database Links</b>        | <b>UniProt:</b>   |

[P01864](#) [Related reagents](#)  
[P01867](#) [Related reagents](#)  
[P01865](#) [Related reagents](#)  
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[P01868](#) [Related reagents](#)  
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[433053](#) LOC433053 [Related reagents](#)

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**Synonyms**

Igh-4

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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**

Prior to reconstitution store at +4°C.  
 After reconstitution store at +4°C or at -20°C if preferred.  
 Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life**

12 months from date of reconstitution.

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**Health And Safety Information**

Material Safety Datasheet documentation available at:  
 Material Safety Datasheet Documentation #10115 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10115.pdf>

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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 \(BUF052C\)](#)

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

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