

## 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) - lyophilized
<b>Reconstitution</b>	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.
<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 Stabilisers</b>	1% Bovine Serum Albumin 0.01% Gentamicin sulphate
<b>Approx. Protein</b>	2.0 mg/ml after reconstitution

## Concentrations

---

**Immunogen** Mouse IgG, whole molecule.

---

## 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](#) Igk-C [Related reagents](#)  
[110786](#) Iglc2 [Related reagents](#)  
[110787](#) Iglc3 [Related reagents](#)  
[380795](#) AI324046 [Related reagents](#)  
[433053](#) LOC433053 [Related reagents](#)

---

**Synonyms** Igh-4

---

**RRID** AB\_619899

---

**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.

---

## 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.](#)
  3. Gogulamudi, V.R. *et al.* (2023) Heterozygosity for ADP-ribosylation factor 6 suppresses the burden and severity of atherosclerosis. [PLoS One. 18 \(5\): e0285253.](#)
-

**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.

---

**Guarantee** 12 months from date of despatch

---

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

---

**Regulatory** For research purposes only

---

## 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+ \(BUF054A\)](#)

**North & South** Tel: +1 800 265 7376

**America** 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)

'M427980:240301'

Printed on 10 Jul 2024

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)