

Datasheet: 5204-2504

**BATCH NUMBER 163418**

|                      |                             |
|----------------------|-----------------------------|
| <b>Description:</b>  | GOAT ANTI RAT 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 - 1/1500     |
| ELISA                    | ▪   |    |                | 1/50000 - 1/100000 |
| 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>           | Rat   |
| <b>Product Form</b>             | Purified IgG conjugated to Horseradish Peroxidase (HRP) - lyophilized   |
| <b>Reconstitution</b>           | Reconstitute with 1.0 ml distilled water<br>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 prepared by affinity chromatography  |
| <b>Buffer Solution</b>          | Phosphate buffered saline   |
| <b>Preservative Stabilisers</b> | 0.01% Gentamicin Sulphate<br>1% Bovine Serum Albumin  |
| <b>Immunogen</b>                | Rat IgG, whole molecule.  |

**External Database  
Links**

**UniProt:**

|                        |                                  |
|------------------------|----------------------------------|
| <a href="#">P01836</a> | <a href="#">Related reagents</a> |
| <a href="#">P20766</a> | <a href="#">Related reagents</a> |
| <a href="#">P20760</a> | <a href="#">Related reagents</a> |
| <a href="#">P20759</a> | <a href="#">Related reagents</a> |
| <a href="#">P20761</a> | <a href="#">Related reagents</a> |
| <a href="#">P01835</a> | <a href="#">Related reagents</a> |
| <a href="#">P20767</a> | <a href="#">Related reagents</a> |
| <a href="#">P20762</a> | <a href="#">Related reagents</a> |

**Entrez Gene:**

|                        |            |                                  |
|------------------------|------------|----------------------------------|
| <a href="#">363828</a> | RGD1564318 | <a href="#">Related reagents</a> |
| <a href="#">299354</a> | Ighg       | <a href="#">Related reagents</a> |
| <a href="#">500180</a> | LOC500180  | <a href="#">Related reagents</a> |
| <a href="#">679045</a> | LOC679045  | <a href="#">Related reagents</a> |
| <a href="#">362795</a> | LOC362795  | <a href="#">Related reagents</a> |

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**RRID** AB\_619913

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**Specificity** **Horseradish peroxidase conjugated Goat anti Rat IgG antibody** recognizes Rat IgG heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, rat IgG and rat serum.

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**References** 1. Sanchez de Groot, N. *et al.* (2015) Proteome response at the edge of protein aggregation. [Open Biol. 5. pii: 140221.](#)

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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.

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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/5204-2504>  
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://bio-rad-antibodies.com/datasheets)  
'M391330:211008'

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