

## Datasheet: 5204-2504

<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) - lyophilised
<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 prepared by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.01% Gentamicin Sulphate
<b>Stabilisers</b>	1% Bovine Serum Albumin
<b>Immunogen</b>	Rat IgG, whole molecule.
<b>External Database Links</b>	<b>UniProt:</b> <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>

[P20761](#) [Related reagents](#)  
[P01835](#) [Related reagents](#)  
[P20767](#) [Related reagents](#)  
[P20762](#) [Related reagents](#)

**Entrez Gene:**

[363828](#) RGD1564318 [Related reagents](#)  
[299354](#) Ighg [Related reagents](#)  
[500180](#) LOC500180 [Related reagents](#)  
[679045](#) LOC679045 [Related reagents](#)  
[362795](#) LOC362795 [Related reagents](#)

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<b>Specificity</b>	<b>Horseradish peroxidase conjugated Goat anti Rat IgG antibody</b> 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.
<b>References</b>	1. Sanchez de Groot, N. <i>et al.</i> (2015) Proteome response at the edge of protein aggregation. <a href="#">Open Biol.</a> 5. pii: 140221.
<b>Storage</b>	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.
<b>Shelf Life</b>	12 months from date of reconstitution.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10115 available at: 10115: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10115.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10115.pdf</a>
<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+ \(BUF054A\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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