

## Datasheet: 5204-2304

<b>Description:</b>	GOAT ANTI RAT IgG (H/L):Biotin
<b>Specificity:</b>	IgG (H/L)
<b>Format:</b>	Biotin
<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	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting	▪			

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 Biotin - lyophilised
<b>Reconstitution</b>	Reconstitute using 1 ml of sterile distilled water
<b>Preparation</b>	Purified IgG prepared by immunoaffinity chromatography using Rat IgG coupled to agarose
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.01% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	Ig concentration 2.0 mg/ml
<b>Immunogen</b>	Rat IgG, whole molecule
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P20767</a> <a href="#">Related reagents</a> <a href="#">P20761</a> <a href="#">Related reagents</a>

[P20762](#) [Related reagents](#)  
[P01835](#) [Related reagents](#)  
[P01836](#) [Related reagents](#)  
[P20766](#) [Related reagents](#)  
[P20760](#) [Related reagents](#)  
[P20759](#) [Related reagents](#)

**Entrez Gene:**

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

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**Specificity** 5204-2304 is specific for the heavy and light chains of rat IgG. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-goat serum, rat IgG and rat serum.

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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 #10041 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

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**Regulatory** For research purposes only

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