

## Datasheet: 305005

<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>	1 ml

## 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	▪			
ELISA	▪			1/4000 - 1/8000
Immunoblotting	▪			

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 appropriate negative/positive controls.

<b>Target Species</b>	Rat
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid.

**Antiserum Preparation** Antiserum to rat IgG was raised by repeated immunisation of goats with highly purified antigen.  
Purified IgG was prepared by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative Stabilisers</b>	50% Glycerol
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<b>Immunogen</b>	Rat IgG
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### External Database Links

**UniProt:**  
[P01835](https://www.uniprot.org/entry/P01835)    [Related reagents](#)

<a href="#">P01836</a>	<a href="#">Related reagents</a>
<a href="#">P20766</a>	<a href="#">Related reagents</a>
<a href="#">P20767</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="#">P20762</a>	<a href="#">Related reagents</a>

**Entrez Gene:**

<a href="#">500180</a>	LOC500180	<a href="#">Related reagents</a>
<a href="#">299354</a>	Ighg	<a href="#">Related reagents</a>
<a href="#">363828</a>	RGD1564318	<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\_619912

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**Specificity** **Goat anti Rat IgG antibody** reacts with the heavy and light chains of rat IgG, and the light chains of rat IgA and IgM. Cross reactivity with mouse immunoglobulins has been minimised by cross adsorption with pooled mouse sera and plasmacytoma/hybridoma proteins.

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**References** 1. Liu, F. *et al.* (2015) Rapid and reliable healing of critical size bone defects with genetically modified sheep muscle. [Eur Cell Mater. 30: 118-31.](#)

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**Storage** Store at -20°C only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. 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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**Guarantee** Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

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**Health And Safety Information** Material Safety Datasheet documentation #10106 available at: <https://www.bio-rad-antibodies.com/SDS/305005>  
10106

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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+ \(BUF054A\)](#)

<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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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)  
'M420373:230706'

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