

## Datasheet: 301005

<b>Description:</b>	GOAT ANTI RAT Ig (H/L):HRP
<b>Specificity:</b>	Ig (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	▪			
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 was raised by repeated immunisation of goats with normal rat IgM and IgG. Purified IgG was prepared from whole serum by affinity chromatography.

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 50% Glycerol

**Immunogen** Purified rat IgM and IgG

### External Database Links

#### UniProt:

[P20760](#)

[Related reagents](#)

[P20761](#)

[Related reagents](#)

<a href="#">P20759</a>	<a href="#">Related reagents</a>
<a href="#">P20762</a>	<a href="#">Related reagents</a>
<a href="#">P01835</a>	<a href="#">Related reagents</a>
<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="#">P01876</a>	<a href="#">Related reagents</a>
<a href="#">P01877</a>	<a href="#">Related reagents</a>
<a href="#">P01883</a>	<a href="#">Related reagents</a>
<a href="#">P01855</a>	<a href="#">Related reagents</a>

**Entrez Gene:**

<a href="#">679045</a>	LOC679045	<a href="#">Related reagents</a>
<a href="#">299354</a>	Ighg	<a href="#">Related reagents</a>
<a href="#">362795</a>	LOC362795	<a href="#">Related reagents</a>
<a href="#">500180</a>	LOC500180	<a href="#">Related reagents</a>
<a href="#">3493</a>	IGHA1	<a href="#">Related reagents</a>
<a href="#">3494</a>	IGHA2	<a href="#">Related reagents</a>
<a href="#">299351</a>	Ighe	<a href="#">Related reagents</a>
<a href="#">363828</a>	RGD1564318	<a href="#">Related reagents</a>
<a href="#">641523</a>	LOC641523	<a href="#">Related reagents</a>

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**RRID** AB\_619911

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**Specificity** **Goat anti rat Ig (H/L) polyclonal antibody** reacts with the heavy and light chains of rat IgM and IgG and show minimal cross reactivity with mouse immunoglobulins. This antibody has been cross-adsorbed against pooled mouse sera and purified mouse paraproteins.

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**References** 1. Westerweel, P.E. *et al.* (2010) Modulation of TGF- $\beta$ /BMP-6 expression and increased levels of circulating smooth muscle progenitor cells in a type I diabetes mouse model. [Cardiovasc Diabetol. 9: 55.](#)

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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 until date of expiry. Please see product label.

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

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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+ \(BUF054A\)](#)

**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)

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