

## 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
<b>Antiserum Preparation</b>	Antiserum to was raised by repeated immunisation of goats with normal rat IgM and IgG. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	50% Glycerol
<b>Immunogen</b>	Purified rat IgM and IgG

### External Database Links

#### UniProt:

<a href="#">P20760</a>	<a href="#">Related reagents</a>
<a href="#">P20761</a>	<a href="#">Related reagents</a>
<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>

[P20767](#) [Related reagents](#)  
[P01876](#) [Related reagents](#)  
[P01877](#) [Related reagents](#)  
[P01883](#) [Related reagents](#)  
[P01855](#) [Related reagents](#)

**Entrez Gene:**

[679045](#) LOC679045 [Related reagents](#)  
[299354](#) Ighg [Related reagents](#)  
[362795](#) LOC362795 [Related reagents](#)  
[500180](#) LOC500180 [Related reagents](#)  
[3493](#) IGHA1 [Related reagents](#)  
[3494](#) IGHA2 [Related reagents](#)  
[299351](#) Ighe [Related reagents](#)  
[363828](#) RGD1564318 [Related reagents](#)  
[641523](#) LOC641523 [Related reagents](#)

---

**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.

---

**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.](#)

---

**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.

---

**Shelf Life** Please see label for expiry date.

---

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

---

**Regulatory** For research purposes only

---

## 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 America** Tel: +1 800 265 7376  
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)

**Printed on 15 May 2018**

---

© 2018 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)