

## Datasheet: 301007

<b>Description:</b>	GOAT ANTI RAT Ig (H/L):Texas Red®
<b>Specificity:</b>	Ig (H/L)
<b>Format:</b>	Texas Red®
<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
Flow Cytometry	▪			

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>	Ig Fraction conjugated to Texas Red® (TXRD) - Liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	Texas Red	596	615
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative Stabilisers</b>	0.09% Sodium azide		
<b>Approx. Protein Concentrations</b>	1.0 mg/ml		
<b>Immunogen</b>	Purified rat IgM and IgG		
<b>External Database Links</b>	<b>UniProt:</b> <a href="https://www.uniprot.org/entry/P20760">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>
<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\_616890

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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** +4°C, -20°C if preferred  
This product is photosensitive and should be protected from light.  
Avoid repeated freezing and thawing as this may denature the antibody

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**Guarantee** 18 months from date of despatch

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**Acknowledgements** Texas Red<sup>®</sup> is a registered trademark of Molecular Probes, Inc

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory** For research purposes only

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March

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