

## Datasheet: PRP12

<b>Description:</b>	PURIFIED RAT IgG (POLYCLONAL)
<b>Name:</b>	IgG
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	20 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
ELISA	■			

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 - liquid
<b>Preparation</b>	Purified IgG prepared by ion exchange chromatography from normal rat serum.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 2.0 mg/ml

### External Database Links

#### UniProt:

<a href="#">P20759</a>	<a href="#">Related reagents</a>
<a href="#">P20760</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="#">299354</a>	Ighg	<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>

**Product Information** **Purified Rat immunoglobulin G** is a preparation of whole IgG molecule composed of two heavy and two light chains. Rat IgG is suitable as a control or standard in many immunologic assays and for conjugation to reporter molecules.

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**References**

1. Piletska, E.V. *et al.* (2014) Microplates with enhanced immobilization capabilities controlled by a magnetic field [J Chin Adv Mat Soc. 2: 118-29](#)
2. Zhu, X. *et al.* (2016) Upregulation of CCL3/MIP-1alpha regulated by MAPKs and NF-kappaB mediates microglial inflammatory response in LPS-induced brain injury. [Acta Neurobiol Exp \(Wars\). 76 \(4\): 304-17.](#)

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**Storage** Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life** 18 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation available at:  
Material Safety Datasheet Documentation #10258 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10258.pdf>

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**Regulatory** For research purposes only

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