

Datasheet: PRP12

Description:	PURIFIED RAT IgG (POLYCLONAL)
Name:	IgG
Format:	Purified
Product Type:	Purified Protein
Quantity:	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.

	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.

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

External Database Links

UniProt:

P20759	Related reagents
P20760	Related reagents
P20761	Related reagents
P20762	Related reagents

Entrez Gene:

299354	Ighg	Related reagents
679045	LOC679045	Related reagents
362795	LOC362795	Related reagents

RRID AB_482873

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.

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.](#)

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.

Guarantee 12 months from date of despatch

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

Regulatory For research purposes only

North & South America Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: 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

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

'M369588:200529'

Printed on 11 Aug 2020

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