

## Datasheet: PRABP01

**BATCH NUMBER 169575**

<b>Description:</b>	PURIFIED RABBIT IgG
<b>Name:</b>	IgG
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	10 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>	Rabbit
<b>Product Form</b>	Purified polyclonal rabbit IgG - liquid
<b>Preparation</b>	Purified IgG prepared by ion exchange chromatography from normal rabbit serum.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 2 mg/ml

#### External Database Links

##### UniProt:

[P01870](https://www.uniprot.org/entry/P01870)

[Related reagents](#)

##### Entrez Gene:

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**RRID** AB\_321631

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**Product Information** **Rabbit immunoglobulin G** is intended as a negative control reagent for use alongside specific rabbit IgG primary antibodies. It has been tested in flow cytometry on human tissues and demonstrates negligible binding. Purified Rabbit immunoglobulin G may also be used as a standard for rabbit igG in ELISA ([Blakney \*et al.\* 2021](#)).

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**References**

1. Khalifeh, M.S. *et al.* (2010) Investigation of the role of tumour necrosis factor- $\alpha$ , interleukin-1 $\beta$ , interleukin-10, nitric oxide and rheumatoid factor-immunoglobulin M in a rat model of arthritis. [Lab Anim. 44: 143-9.](#)
2. Chang, J. *et al.* (2014) Hypoxia modulates the phenotype of osteoblasts isolated from knee osteoarthritis patients, leading to undermineralized bone nodule formation. [Arthritis Rheumatol. 66 \(7\): 1789-99.](#)
3. Blakney, A.K. *et al.* (2021) Innate Inhibiting Proteins Enhance Expression and Immunogenicity of Self-Amplifying RNA. [Mol Ther. 29 \(3\): 1174-85.](#)

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**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10258 available at: <https://www.bio-rad-antibodies.com/SDS/PRABP01>

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**Regulatory** For research purposes only

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**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)

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