

Datasheet: PRABP01

BATCH NUMBER 160143

Description:	PURIFIED RABBIT IgG
Name:	IgG
Format:	Purified
Product Type:	Purified Protein
Isotype:	Polyclonal IgG
Quantity:	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.

	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	Rabbit
Product Form	Purified polyclonal rabbit IgG - liquid
Preparation	Purified IgG prepared by ion exchange chromatography from normal rabbit serum.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 2 mg/ml

External Database Links

UniProt:

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

[Related reagents](#)

Entrez Gene:

RRID AB_321631

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](#)).

References

1. Khalifeh, M.S. *et al.* (2010) Investigation of the role of tumour necrosis factor- α , interleukin-1 β , 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.](#)

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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10258 available at: <https://www.bio-rad-antibodies.com/SDS/PRABP0110258>

Regulatory For research purposes only

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