Datasheet: PRABP01

BATCH NUMBER 173080

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 Related reagents **Entrez Gene:**

100009097 LOC100009097 Related reagents

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-{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.
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/PRABP01
Regulatory	For research purposes only

Product inquiries: 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

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