

Datasheet: PRABP01F

Description:	PURIFIED RABBIT IgG:FITC
Name:	IgG
Format:	FITC
Product Type:	Purified Protein
Isotype:	Polyclonal IgG
Quantity:	0.1 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
Flow Cytometry	▪			*
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. * It is recommended that the user dilutes the antibody for use in their own system to a concentration equivalent to their test reagent.

Target Species	Rabbit		
Product Form	Purified polyclonal rabbit IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
Preparation	Purified IgG prepared by ion exchange chromatography from normal rabbit serum		
Buffer Solution	Phosphate buffered saline		
Preservative	0.09% Sodium Azide		
Stabilisers	1% Bovine Serum Albumin		
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml		

**External Database
Links**

UniProt:

[P01870](#) [Related reagents](#)

Entrez Gene:

[100009097](#) LOC100009097 [Related reagents](#)

RRID AB_324021

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](#)).

Flow Cytometry Use 10ul of the suggested working dilution to label 10⁶ cells or 100ul of whole blood

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. This product is photosensitive and should be protected from light.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10259 available at: <https://www.bio-rad-antibodies.com/SDS/PRABP01F10259>

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

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

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