

Datasheet: PRP05

Description:	RAT IgG2b KAPPA
Name:	IgG2b KAPPA
Format:	Purified
Product Type:	Purified Protein
Clone:	IR863
Isotype:	IgG2b
Quantity:	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
ELISA	▪			0.3ug/ml

Where this protein 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 protein for use in their own system using appropriate positive/negative controls.

Target Species	Rat
Product Form	Purified myeloma protein - liquid
Preparation	Purified protein prepared by affinity chromatography from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

External Database Links

UniProt:

P01835	Related reagents
P01836	Related reagents
P20761	Related reagents

Entrez Gene:

[500180](#) LOC500180 [Related reagents](#)

RRID AB_482888

Product Information **Rat IgG2b** is derived from a spontaneous immunocytoma originating in a LOU/Wsl rat.

Purity Single band by agarose electrophoresis and immunoelectrophoresis

References

1. Edited by Bazin, H. (1990) Rat Hybridomas and Rat Monoclonal Antibodies CRC Press, Boca Raton, Florida, USA.
2. Bazin, H. *et al.* (1984) Rat monoclonal antibodies. II. A rapid and efficient method of purification from ascitic fluid or serum. [J Immunol Methods. 71 \(1\): 9-16.](#)
3. Argüelles, M.E. *et al.* (1999) Performance of thiophilic adsorption chromatography in the purification of rat IgG2b monoclonal antibodies from serum- and protein-free culture supernatants. [Biomed Chromatogr. 13 \(6\): 379-81.](#)

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/PRP0510258>

Regulatory For research purposes only

North & South Tel: +1 800 265 7376

America 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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