

Datasheet: PRP01

Description:	RAT IgA KAPPA
Name:	IgA KAPPA
Format:	Purified
Product Type:	Purified Protein
Clone:	IR22
Isotype:	IgA Kappa
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	▪			0.15ug/ml - 0.6ug/ml

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

Target Species	Rat
Product Form	Purified monoclonal IgA - liquid
Preparation	Purified IgA prepared by affinity chromatography from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide
Approx. Protein Concentrations	1.0 mg/ml
RRID	AB_482876
Product Information	Rat IgA is derived from a spontaneous ileocecal immunocytoma in a LOU/Wsl rat (Bazin et al. 1973).

Purity Single band by agarose electrophoresis (5) and immunoelectrophoresis (6).

- References**
1. Edited by Bazin, H. (1990) Rat Hybridomas and Rat Monoclonal Antibodies CRC Press. Boca Raton.
 2. Bazin, H. *et al.* (1984) Rat monoclonal antibodies. II. A rapid and efficient method of purification from ascites fluid or serum. [J. Immunol. Methods 71: 9-16.](#)
 3. Bazin, H. *et al.* (1984) Rat monoclonal antibodies. I. Rapid purification from *in vitro* culture supernatants. [J. Immunol. Methods 66: 261-269.](#)
 4. Querinjean, P. *et al.* (1972) Transplantable immunoglobulin-secreting tumours in rats. Purification and chemical characterization of four kappa chains from LOU-Wsl rats. [Eur. J. Biochem. 31: 354-359.](#)
 5. Bazin, H. *et al.* (1973) Brief communication: Transplantable immunoglobulin-secreting tumors in rats. V. Monoclonal immunoglobulins secreted by 250 ileocecal immunocytomas in LOU-Wsl rats [J. Natl. Cancer Inst. 51: 1359 - 61](#)
 6. Bazin, H. *et al.* (1974) Allotypes of rat immunoglobulins. I. An allotype at the alpha-chain locus. [J. Immunology 112: 1035-1041.](#)
 7. Tulinská, J. *et al.* (2018) Humoral and cellular immune response in Wistar Han RCC rats fed two genetically modified maize MON810 varieties for 90 days (EU 7th Framework Programme project GRACE). [Arch Toxicol. 92 \(7\): 2385-99.](#)
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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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10335 available at: 10335: <https://www.bio-rad-antibodies.com/uploads/MSDS/10335.pdf>

Regulatory For research purposes only

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