

Datasheet: PMP48

Description:	MOUSE IgG1 KAPPA
Name:	IgG1 KAPPA
Format:	Purified
Product Type:	Purified Protein
Clone:	MADNP-1
Isotype:	IgG1
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	▪			0.6 ug/ml - 1.25 ug/ml
Gel Super Shift Assays	▪			

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 negative/positive controls.

Target Species	Mouse
Product Form	Purified monoclonal IgG1 - liquid
Preparation	Purified IgG1 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:

P01837	Related reagents
P01869	Related reagents
P01868	Related reagents

Entrez Gene:

16071	Igk-C	Related reagents
16017	Ighg1	Related reagents

Synonyms IgG4

Product Information **Mouse IgG1 Kappa**

Purity Single band by agarose electrophoresis and immunoelectrophoresis.

References

1. Kiesler, P. *et al.* (2009) An allergy-associated polymorphism in a novel regulatory element enhances IL13 expression. [Hum Mol Genet. 18: 4513-20.](#)
2. Brown, J.K. *et al.* (2011) Human Fallopian tube epithelium constitutively expresses integrin endometrial receptivity markers: no evidence for a tubal implantation window. [Mol Hum Reprod. 18: 111-20.](#)
3. Laffont, S. *et al.* (2017) Androgen signaling negatively controls group 2 innate lymphoid cells. [J Exp Med. May 8. pii: jem.20161807. \[Epub ahead of print\]](#)

Storage Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet Documentation #10303 available at: <https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf>

Regulatory For research purposes only

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