

## Datasheet: PMP48

**BATCH NUMBER 170779**

<b>Description:</b>	MOUSE IgG1 KAPPA
<b>Name:</b>	IgG1 KAPPA
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Clone:</b>	MADNP-1
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified monoclonal IgG1 - liquid
<b>Preparation</b>	Purified IgG1 prepared by affinity chromatography from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml

### External Database Links

#### UniProt:

[P01837](https://www.uniprot.org/entry/P01837)

[Related reagents](#)

[P01869](#)    [Related reagents](#)

[P01868](#)    [Related reagents](#)

**Entrez Gene:**

[16071](#) Igk-C    [Related reagents](#)

[16017](#) Ighg1    [Related reagents](#)

[16017](#) Ighg1    [Related reagents](#)

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**Synonyms**            Igh-4

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**RRID**                    AB\_324554

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**Product Information**    **Mouse IgG1 Kappa**

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**Purity**                    Single band by agarose electrophoresis and immunoelectrophoresis.

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**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. 214 \(6\): 1581-92.](#)

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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.

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**Guarantee**                12 months from date of despatch

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**Health And Safety Information**    Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/PMP48>

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**Regulatory**                For research purposes only

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**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://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](http://bio-rad-antibodies.com/datasheets)

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