

## Datasheet: PMP52

**BATCH NUMBER 162550**

<b>Description:</b>	MOUSE IgM KAPPA
<b>Name:</b>	IgM KAPPA
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Clone:</b>	MADNP-5
<b>Isotype:</b>	IgM
<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	▪			1.25ug/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 negative/positive controls.

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

#### External Database Links

##### UniProt:

[P01837](#)      [Related reagents](#)  
[P01872](#)      [Related reagents](#)

**Entrez Gene:**

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

[16019](#) Ighm [Related reagents](#)

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**RRID** AB\_324175

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**Product Information** **Purified Mouse IgM** is a preparation of purified murine IgM derived from the murine MADNP-5 hybridoma.

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

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**References**

1. Hayer, S. *et al.* (2008) B-cell infiltrates induce endosteal bone formation in inflammatory arthritis. [J Bone Miner Res. 23: 1650-60.](#)
2. Rohrer, J.W. *et al.* (2006) Identification of oncofetal antigen/immature laminin receptor protein epitopes that activate BALB/c mouse OFA/iLRP-specific effector and regulatory T cell clones. [J Immunol. 176: 2844-56.](#)
3. Franke, K. *et al.* (2020) SIRPα on Mouse B1 Cells Restricts Lymphoid Tissue Migration and Natural Antibody Production. [Front Immunol. 11: 570963.](#)

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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 #10335 available at: <https://www.bio-rad-antibodies.com/SDS/PMP52>  
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**Regulatory** For research purposes only

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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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