

Datasheet: PMP68

BATCH NUMBER 173443

Description:	MOUSE IgE KAPPA
Name:	IgE KAPPA
Format:	Purified
Product Type:	Purified Protein
Isotype:	IgE
Quantity:	0.5 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	▪			
Functional Assays			▪	

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 the appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified monoclonal IgE - liquid.
Preparation	Purified mouse monoclonal IgE prepared from tissue culture supernatant.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	1.0 mg/ml
External Database Links	UniProt: P06336 Related reagents

Entrez Gene:

[380792](#) Gm900 [Related reagents](#)

RRID AB_324400

Product Information **Mouse IgE Kappa** is a purified IgE kappa mouse monoclonal antibody that recognizes ovalbumin.

ELISA This product is suitable for use as a mouse IgE standard in ELISA assays, see [Hamada K et al.](#) for details..

References

1. Hamada, K. *et al.* (2003) Allergen-independent maternal transmission of asthma susceptibility. [J Immunol. 170 \(4\): 1683-9.](#)
2. Shin, I.S. *et al.* (2014) Homoegonol attenuates the asthmatic responses induced by ovalbumin challenge. [Arch Pharm Res. 37 \(9\): 1201-10.](#)
3. Laffont, S. *et al.* (2017) Androgen signaling negatively controls group 2 innate lymphoid cells. [J Exp Med. 214 \(6\): 1581-92.](#)
4. Vukovic, N. *et al.* (2021) Purification of murine immunoglobulin E (IgE) by thiophilic interaction chromatography (TIC). [J Immunol Methods. 489: 112914.](#)
5. Park, S. *et al.* (2025) Protective Effects of *Machilus thunbergii* Siebold & Zucc on Airway Inflammation in Allergic Asthma Model Caused by Ovalbumin Inhalation [Korean Journal of Medicinal Crop Science. 33 \(3\): 141-8.](#)

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/PMP68>

Regulatory For research purposes only

Product inquiries: 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

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