

Datasheet: PMP01

Description:	PURIFIED MOUSE IgG
Name:	IgG
Format:	Purified
Product Type:	Purified Protein
Quantity:	2 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	■			
Immunoassay	■			

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

Target Species	Mouse
Product Form	Purified mouse IgG - liquid
Preparation	Purified IgG prepared from normal mouse serum by ion exchange chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1mg/ml

External Database Links

UniProt:

P01869	Related reagents
P01865	Related reagents
P03987	Related reagents
P01864	Related reagents
P01868	Related reagents
P01867	Related reagents
P01863	Related reagents
P01844	Related reagents
P01837	Related reagents

[P01843](#) [Related reagents](#)

[P01845](#) [Related reagents](#)

Entrez Gene:

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

[380793](#) Igh-1a [Related reagents](#)

[16016](#) Ighg2b [Related reagents](#)

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

[380793](#) Igh-1a [Related reagents](#)

[380795](#) AI324046 [Related reagents](#)

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

[110786](#) Igkc2 [Related reagents](#)

[110787](#) Igkc3 [Related reagents](#)

[380793](#) Igh-1a [Related reagents](#)

[433053](#) LOC433053 [Related reagents](#)

Synonyms Igh-4

Purity >99% by serum protein electrophoresis

References

1. Tanaka, M. *et al.* (2003) Potential preventive effects of follistatin-related protein/TSC-36 on joint destruction and antagonistic modulation of its autoantibodies in rheumatoid arthritis. [Immunol. 15:71-77.](#)
2. Pirotte, S. *et al.* (2011) Dentin matrix protein 1 induces membrane expression of VE-cadherin on endothelial cells and inhibits VEGF-induced angiogenesis by blocking VEGFR-2 phosphorylation. [Blood. 117:2515-26.](#)
3. Klein, D. *et al.* (2015) Endogenous antibodies contribute to macrophage-mediated demyelination in a mouse model for CMT1B. [J Neuroinflammation. 12: 49.](#)

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

This product should be stored undiluted. 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 #10258 available at: 10258: <https://www.bio-rad-antibodies.com/uploads/MSDS/10258.pdf>

Regulatory For research purposes only

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