

Datasheet: PMP01X

| | |
|----------------------|--------------------|
| Description: | PURIFIED MOUSE IgG |
| Name: | IgG |
| Format: | Purified |
| Product Type: | Purified Protein |
| Quantity: | 10 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 | 0.01% Sodium Azide (NaN ₃) |
| 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](#) Iglc2 [Related reagents](#)

[110787](#) Iglc3 [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>

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