

Datasheet: VMA00315

Description:	MOUSE ANTI GPI
Specificity:	GPI
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	1B7D7
Isotype:	IgG1
Quantity:	100 µl

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
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody prepared by affinity chromatography on Protein G from ascites.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Purified recombinant fragment of human GPI expressed in <i>E. coli</i>

**External Database
Links**

UniProt:

[P06744](#) [Related reagents](#)

Entrez Gene:

[2821](#) GPI [Related reagents](#)

Specificity

Mouse anti Human GPI antibody recognizes glucose-6-phosphate isomerase. Glucose-6-phosphate isomerase is a ubiquitously expressed glycolytic enzyme that catalyzes the conversion of fructose-6-phosphate to glucose-6-phosphate. GPI (or neuroleukin) is also recognized for its neurotrophic effects on spinal and sensory neurons.

Mouse anti human GPI antibody detects GPI as a band of 63 kDa in a range of human cell line lysates. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti glucose-6-phosphate isomerase detects a band of approximately 63 kDa in HEK293 cell lysates.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch.

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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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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