

Datasheet: VMA00136

Description:	MOUSE ANTI GORASP1
Specificity:	GORASP1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI5G8
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 purified by affinity chromatography from ascites.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Full length recombinant human GORASP1 (NP_114105) produced in HEK293T cells

**External Database
Links**

UniProt:

[Q9BQQ3](#)

[Related reagents](#)

Entrez Gene:

[64689](#)

GORASP1

[Related reagents](#)

Synonyms

GOLPH5, GRASP65

Specificity

Mouse anti Human GORASP1 antibody, clone OTI5G8 recognizes the Golgi reassembly-stacking protein 1 (GORASP1), also known as Golgi peripheral membrane protein p65 and Golgi phosphoprotein 5.

The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. Encoded by the GORASP1 gene, the Golgi reassembly-stacking protein 1 is a membrane protein involved in establishing the stacked structure of the Golgi apparatus. It is a caspase-3 substrate, and cleavage of this encoded protein contributes to Golgi fragmentation in apoptosis. This encoded protein can form a complex with the Golgi matrix protein GOLGA2, and this complex binds to the vesicle docking protein p115. Alternative splicing results in multiple transcript variants of GORASP1 (provided by RefSeq, Jul 2013).

Mouse anti Human GORASP1 antibody detects a band of 72 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti GORASP1 detects a band of approximately 72 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 #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/VMA00136>
Antibody (10048)

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

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