

## Datasheet: VMA00136

|                      |                         |
|----------------------|-------------------------|
| <b>Description:</b>  | MOUSE ANTI GORASP1      |
| <b>Specificity:</b>  | GORASP1                 |
| <b>Format:</b>       | Purified                |
| <b>Product Type:</b> | PrecisionAb™ Monoclonal |
| <b>Clone:</b>        | OTI5G8                  |
| <b>Isotype:</b>      | IgG1                    |
| <b>Quantity:</b>     | 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](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ■   |    |                | 1/1000             |

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. 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 dependant on sample type.

|                                     |                                                                                                                                                                         |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target Species</b>               | Human                                                                                                                                                                   |
| <b>Product Form</b>                 | Purified IgG - liquid                                                                                                                                                   |
| <b>Preparation</b>                  | Mouse monoclonal antibody purified by affinity chromatography from ascites.                                                                                             |
| <b>Buffer Solution</b>              | Phosphate buffered saline                                                                                                                                               |
| <b>Preservative<br/>Stabilisers</b> | 0.09% Sodium Azide (NaN <sub>3</sub> )<br>1% Bovine Serum Albumin<br>50% Glycerol                                                                                       |
| <b>Immunogen</b>                    | Full length recombinant human GORASP1 (NP_114105) produced in HEK293T cells                                                                                             |
| <b>External Database<br/>Links</b>  | <b>UniProt:</b><br><a href="#">Q9BQQ3</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="#">64689</a> GORASP1 <a href="#">Related reagents</a> |
| <b>Synonyms</b>                     | GOLPH5, GRASP65                                                                                                                                                         |

**Specificity**      **Mouse anti Human GORASP1 antibody** 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.

|                                      |                                                                                                                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Western Blotting</b>              | Anti GORASP1 detects a band of approximately 72 kDa in HEK293 cell lysates.                                                                                                                                         |
| <b>Instructions For Use</b>          | Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.                                       |
| <b>Storage</b>                       | Store undiluted at -20°C, avoiding repeated freeze thaw cycles.                                                                                                                                                     |
| <b>Shelf Life</b>                    | As supplied, 12 months from date of despatch.                                                                                                                                                                       |
| <b>Acknowledgements</b>              | PrecisionAb™ is a trademark of Bio-Rad Laboratories.                                                                                                                                                                |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10048 available at:<br>Antibody (10048): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf</a> |
| <b>Regulatory</b>                    | 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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