

Datasheet: VMA00136KT

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| Description: | GORASP1 ANTIBODY WITH CONTROL LYSATE |
| Specificity: | GORASP1 |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Clone: | OTI5G8 |
| Isotype: | IgG1 |
| Quantity: | 2 Westerns |

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 |

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.

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| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | 20µl 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 |
| Immunogen | Full length recombinant human GORASP1 (NP_114105) produced in HEK293T cells |
| External Database Links | UniProt: |

Entrez Gene:

[64689](#) GORASP1 [Related reagents](#)

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| Synonyms | GOLPH5, GRASP65 |
| Specificity | <p>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.</p> <p>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).</p> <p>Mouse anti Human GORASP1 antibody detects a band of 72 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p> |
| Western Blotting | Anti GORASP1 detects a band of approximately 72 kDa in HEK293 cell lysates. |
| Instructions For Use | Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page. |
| Lysate Composition | 400µg HEK293 lysate lyophilized in RIPA buffer. |
| Lysate Reconstitution | <p>- If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.</p> <p>- If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.</p> <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p> |
| Storage | <p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p> |
| Guarantee | As supplied, 12 months from date of despatch. |
| Acknowledgements | PrecisionAb™ is a trademark of Bio-Rad Laboratories. |
| Health And Safety Information | Material Safety Datasheet documentation #10048 #10561 available at: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.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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'M351109:190315'

Printed on 10 Feb 2021
