

## Datasheet: VMA00178

|                      |                         |
|----------------------|-------------------------|
| <b>Description:</b>  | MOUSE ANTI GRAP2        |
| <b>Specificity:</b>  | GRAP2                   |
| <b>Format:</b>       | Purified                |
| <b>Product Type:</b> | PrecisionAb™ Monoclonal |
| <b>Clone:</b>        | OT11G2                  |
| <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 GRAP2 (NP_004801) produced in HEK293T cells                                                                                            |
| <b>External Database<br/>Links</b>  | <b>UniProt:</b><br><a href="#">O75791</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="#">9402</a> GRAP2 <a href="#">Related reagents</a> |
| <b>Synonyms</b>                     | GADS, GRB2L, GRID                                                                                                                                                    |

**Specificity**

**Mouse anti Human GRAP2 antibody** recognizes GRB2-related adapter protein 2 (GRAP2), also known as GRB-2-like protein, GRB2-related protein with insert domain, SH3-SH2-SH3 adapter Mona, SH3-SH2-SH3 adaptor molecule, adapter protein GRID, grf-40, grf40 adapter protein, growth factor receptor-binding protein, growth factor receptor-bound protein 2-related adaptor protein 2, hematopoietic cell-associated adapter protein GrpL and hematopoietic cell-associated adaptor protein GRPL.

Encoded by the GRAP2 gene and a member of the GRB2/Sem5/Drk family, GRB2-related adapter protein 2 is an adaptor-like protein involved in leukocyte-specific protein-tyrosine kinase signaling. Like its related family member, GRB2-related adaptor protein (GRAP), this protein contains an SH2 domain flanked by two SH3 domains. This protein interacts with other proteins, such as GRB2-associated binding protein 1 (GAB1) and the SLP-76 leukocyte protein (LCP2), through its SH3 domains. Transcript variants utilizing alternative polyA sites exist (provided by RefSeq, Jul 2008).

Mouse anti Human GRAP2 antibody detects a band of 37 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting**

Anti GRAP2 detects a band of approximately 37 kDa in Jurkat 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.

**Storage**

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

**Shelf Life**

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 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 \(MCA928\)](#)

**North & South America**

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

'M284523:160321'

Printed on 01 May 2018