

## 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>	OTI1G2
<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
Immunoprecipitation	▪			
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.

<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 Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 50% Glycerol
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.
<b>Immunogen</b>	Full length recombinant human GRAP2 (NP_004801) produced in HEK293T cells

**External Database  
Links**

**UniProt:**

[O75791](#)   [Related reagents](#)

**Entrez Gene:**

[9402](#)   GRAP2   [Related reagents](#)

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**Synonyms**

GADS, GRB2L, GRID

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**Specificity**

**Mouse anti Human GRAP2 antibody, clone OT1G2** 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, clone OT1G2 detects a band of 37 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

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

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**Storage**

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

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**Guarantee**

12 months from date of despatch.

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10048 available at:  
<https://www.bio-rad-antibodies.com/SDS/VMA00178>  
Antibody (10048)

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**Regulatory**

For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

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

### Recommended Negative Controls

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

**North & South** Tel: +1 800 265 7376

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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://bio-rad-antibodies.com/datasheets)

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