

Datasheet: VMA00178

BATCH NUMBER 240615

Description:	MOUSE ANTI GRAP2
Specificity:	GRAP2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI1G2
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
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.

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 GRAP2 (NP_004801) produced in HEK293T cells

External Database

Links

UniProt:

[O75791](#)

[Related reagents](#)

Entrez Gene:

[9402](#)

GRAP2

[Related reagents](#)

Synonyms

GADS, GRB2L, GRID

Specificity

Mouse anti Human GRAP2 antibody, clone OTI1G2 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 OTI1G2 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.

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/VMA00178>
Antibody (10048)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M393939:220120'

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