

Mouse anti-Human GRAP2 Monoclonal Antibody | anti-GRAP2 antibody

Anti-GRAP2 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129030	Mouse	Human	Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

GRAP2; Monoclonal Antibody; Anti-GRAP2 Purified; GRB2 related adaptor protein 2; GADS; GRID; GRAP-2; GrbX; anti-GRAP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	UW40
Specificity	The mouse monoclonal antibody UW40 recognizes GRAP2/GADS, a 41 kDa cytoplasmic adaptor protein that plays a pivotal role during the early events of signal transduction in T cells.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	330
Applicable Applications for anti-GRAP2 antibody	WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	GST-fusion human GRAP2/GADS protein
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-GRAP2 antibody	GRAP2/GADS (Grb2-related adaptor protein 2 / Grb2-related adaptor downstream of Shc) is a cytoplasmic adaptor protein containing N- and C-terminal SH3 domains flanking a central SH2 domain and a proline/glutamine-rich region. It is expressed predominantly in lymphoid tissue and hematopoietic cells, particularly in T cells. GRAP2/GADS plays a pivotal role during the early events of T cell signal transduction by recruiting the adaptor protein SLP-76 and its associated molecules, such as Vav, Nck, Itk, and ADAP, to the transmembrane adaptor protein LAT. GRAP2/GADS also binds several other signaling proteins, namely Gab2, HPK1 (hematopoietic progenitor kinase 1), and Cbl. Unlike similar adaptor protein Grb2, GRAP2/GADS shows higher selectivity when binding to the particular phosphorylated tyrosines of LAT adaptor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758476
NCBI GeneID	9402
NCBI Accession #	NP_004801.1
NCBI GenBank Nucleotide #	NP_004801.1

UniProt Accession #	O75791
NCBI Official Full Name	GRB2-related adapter protein 2 isoform 1
NCBI Official Synonym Full Names	GRB2 related adaptor protein 2
NCBI Official Symbol	GRAP2
NCBI Official Synonym Symbols	P38; GADS; GRID; GRPL; GrbX; Mona; GRB2L; GRBLG; Grf40; GRAP-2
NCBI Protein Information	GRB2-related adapter protein 2
UniProt Protein Name	GRB2-related adapter protein 2
UniProt Gene Name	GRAP2
UniProt Synonym Gene Names	GADS; GRB2L; GRID; GRB2L; Grf-40
UniProt Entry Name	GRAP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/grap2-antibody-clone-uw40-western-blot-immunoprecipitation-flow-cytometry-elisa/129030>