

# Immunotag™ GRAP2 mouse mAb

Antibody Specification	
Catalog No.	ITM1453
Product Description	Immunotag™ GRAP2 mouse mAb
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	GRAP2
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB
Recommended Dilution	wb dilution 1:1000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Mouse
Immunogen	Recombinant protein of human GRAP2.
Specificity	This antibody detects endogenous levels of GRAP2 and does not cross-react with related proteins.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	grap2
Accession No.	O75791 O89100

## Antibody Specification

Alternate Names	Adapter protein GRID; GADS; GADS protein; GRAP-2; Grap2; GRAP2_HUMAN; GRB-2-like protein; GRB2-related adapter protein 2; GRB2-related adaptor protein 2; GRB2-related protein with insert domain; GRB2L; GRBLG; GRBX; Grf-40; Grf40 adapter protein; Grf40; GRID; Growth factor receptor-binding protein; Growth factor receptor-bound protein 2-related adaptor protein 2; GRPL; Hema; Hematopoietic cell-associated adapter protein GrpL; Hematopoietic cell-associated adaptor protein GRPL; Mona; p38; Protein GADS; SH3-SH2-SH3 adapter Mona; SH3-SH2-SH3 adaptor molecule.
Description	GRB2-related adaptor protein 2(GRAP2) Homo sapiens This gene encodes a member of the GRB2/Sem5/Drk family. This member 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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Apr 2014],
Cell Pathway/ Category	T_Cell_Receptor,
Protein Expression	Blood,Lung,Platelet,Spleen,T-cell,Thymus,
Subcellular Localization	nucleus,nucleoplasm,cytoplasm,endosome,cytosol,
Protein Function	function:Interacts with SLP-76 to regulate NF-AT activation. Binds to tyrosine-phosphorylated shc.,similarity:Belongs to the GRB2/sem-5/DRK family.,similarity:Contains 1 SH2 domain.,similarity:Contains 2 SH3 domains.,subunit:Interacts with phosphorylated LIME1 upon TCR activation (By similarity). Interacts with phosphorylated LAT and LAX1 upon TCR activation. Interacts with SHB.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.