

# **GRAP2** Antibody

Purified Mouse Monoclonal Antibody (Mab) Catalog # AP52864

#### **Product Information**

Application WB
Primary Accession O75791
Reactivity Human
Host Mouse
Clonality Monoclonal
Isotype IgG2b
Calculated MW 37909

#### **Additional Information**

**Gene ID** 9402

Other 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 adaptor molecule.

**Dilution** WB~~1:1000

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH

7.3.

**Storage** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

freeze/thaw cycles.

#### **Protein Information**

Name GRAP2

**Synonyms** GADS, GRB2L, GRID

**Function** Interacts with SLP-76 to regulate NF-AT activation. Binds to

tyrosine-phosphorylated shc.

**Cellular Location** Nucleus. Cytoplasm. Endosome

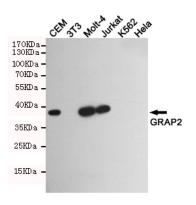
## **Background**

Interacts with SLP-76 to regulate NF-AT activation. Binds to tyrosine-phosphorylated shc.

#### References

Qiu M., et al. Biochem. Biophys. Res. Commun. 253:443-447(1998). Law C.-L., et al. J. Exp. Med. 189:1243-1253(1999). Asada H., et al. J. Exp. Med. 189:1383-1390(1999). Ellis J.H., et al. J. Immunol. 164:5805-5814(2000). Guyot B., et al. Gene 290:173-179(2002).

### **Images**



Western blot detection of GRAP2 in GRAP2 positive cell (CEM,Molt-4,Jurkat) and negative cell (3T3,K562,Hela) lysates using GRAP2 mouse mAb (1:1000 diluted).Predicted band size:38KDa.Observed band size:38KDa.

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