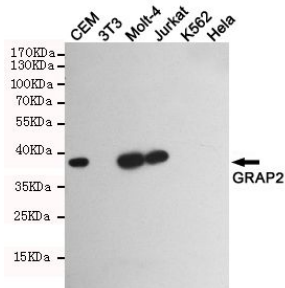




GRAP2

Mouse monoclonal Antibody

#53779

Catalog Number: 53779**Amount:** 100µg/100µl**Swiss-Prot No. :** O75791**Gene name:** grap2**Gene id:** 9402**Clone Number:** 5C7-F4-E7**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human GRAP2 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of GRAP2 and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 38kd WB: 1:1000

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

Background:

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. Transcript variants utilizing alternative polyA sites exist.