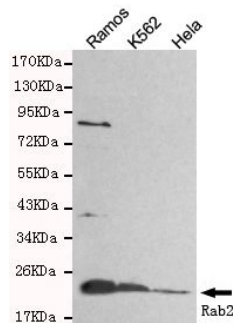




Rab2

Mouse monoclonal Antibody

#53544

Catalog Number: 53544**Amount:** 100µg/100µl**Swiss-Prot No. :** P61019**Gene name:** rab2a**Gene id:** 5862**Clone Number:** 2B12-1D8-A5-A9**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 Rab2 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Rab2 and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 24kd WB: 1:1000 ICC:1:200

Western blot detection of Rab2 in HeLa, Ramos and K562 cell lysates and using Rab2 mouse mAb (1:800 diluted). Predicted band size: 24KDa. Observed band size: 24KDa.

Background:

Members of the Rab protein family are nontransforming monomeric GTP-binding proteins of the Ras superfamily that contain 4 highly conserved regions involved in GTP binding and hydrolysis. Rabs are prenylated, membrane-bound proteins involved in vesicular fusion and trafficking. The mammalian RAB proteins show striking similarities to the *S. cerevisiae* YPT1 and SEC4 proteins, Ras-related GTP-binding proteins involved in the regulation of secretion.