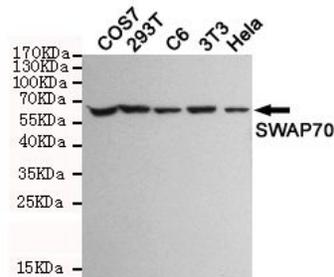




SWAP70

Mouse monoclonal Antibody

#53526

**Catalog Number:** 53526**Amount:** 100µg/100µl**Swiss-Prot No. :** Q9UH65**Gene name:** swap70**Gene id:** 23075**Clone Number:** 2E9-E8-E9**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 SWAP70 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of SWAP70 and does not cross-react with Akt2 and related proteins**Reactivity:** Human, Mouse, Rat, Monkey**Applications:** Predicted MW: 70kd WB: 1:1000

Western blot detection of SWAP70 in COS7, 293T, C6, 3T3 and HeLa cell lysates and using SWAP70 mouse mAb (1:1000 diluted). Predicted band size: 70KDa. Observed band size: 70KDa.

### Background:

Phosphatidylinositol 3,4,5-trisphosphate-dependent guanine nucleotide exchange factor (GEF) which, independently of RAS, transduces signals from tyrosine kinase receptors to RAC. It also mediates signaling of membrane ruffling. Regulates the actin cytoskeleton as an effector or adapter protein in response to agonist stimulated phosphatidylinositol (3,4)-bisphosphate production and cell protrusion