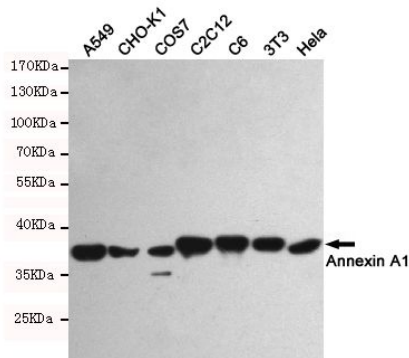




Annexin A1

Mouse monoclonal Antibody

#53639

Catalog Number: 53639**Amount:** 100µg/100µl**Swiss-Prot No. :** P04083**Gene name:** anxa1**Gene id:** 301**Clone Number:** 5E4-D8-F12**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 Annexin A1 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Annexin A1 and does not cross-react with related proteins**Reactivity:** Human, Mouse, Rat, Monkey**Applications:** Predicted MW: 38kd WB: 1:1000

Western blot detection of Annexin A1 in A549, CHO-K1, COS7, C2C12, C6, 3T3 and HeLa cell lysates using Annexin A1 mouse mAb (1:1000 diluted). Predicted band size: 38KDa. Observed band size: 38KDa.

Background:

Annexin I belongs to a family of Ca²⁺-dependent phospholipid binding proteins which have a molecular weight of approximately 35,000 to 40,000 and are preferentially located on the cytosolic face of the plasma membrane. Annexin I protein has an apparent relative molecular mass of 40 kDa, with phospholipase A2 inhibitory activity. Since phospholipase A2 is required for the biosynthesis of the potent mediators of inflammation, prostaglandins and leukotrienes, annexin I may have potential anti-inflammatory activity.