



ANXA1

Mouse monoclonal Antibody

#54022

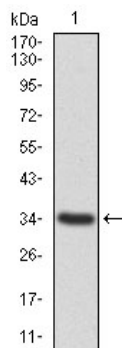
**Catalog Number:** 54022**Amount:** 100µg/100µl**Swiss-Prot No. :** P04083**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human ANXA1 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of ANXA1 and does not cross-react with related proteins**Reactivity:** Human, Mouse, Monkey**Applications:** Predicted MW: 38.7kd WB: 1:500-2000 IHC:1:200-1000

Figure 1: Western blot analysis using ANXA1 mAb against human ANXA1 recombinant protein. (Expected MW is 33.7 kDa)

### Background:

Annexin I belongs to a family of Ca<sup>2+</sup>-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.