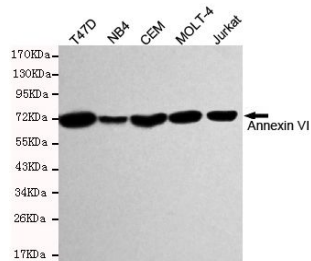




## Annexin VI

### Mouse monoclonal Antibody

#53314

**Catalog Number:** 53314**Amount:** 100µg/100µl**Swiss-Prot No. :** P08133**Gene name:** anxa6**Gene id:** 309**Clone Number:** 8A7-F8-G12**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 VI protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Annexin VI and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 76kd WB: 1:1000

Western blot detection of Annexin VI in T47D, MB4, CEM, MOLT-4 and Jurkat cell lysates and using Annexin VI mouse mAb (1:1000 diluted). Predicted band size: 76KDa. Observed band size: 76KDa.

### Background:

Annexin VI belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. Alternatively spliced transcript variants have been described.