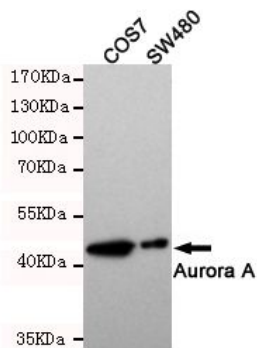


**Aurora Kinase A****Mouse monoclonal Antibody****#53542****Catalog Number:** 53542**Amount:** 100µg/100µl**Swiss-Prot No. :** O14965**Gene name:** aurka**Gene id:** 6790**Clone Number:** 2E3-C10-C11-G6**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human ARK1 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of ARK1 and does not cross-react with related proteins**Reactivity:** Human, Monkey**Applications:** Predicted MW: 46kd WB: 1:500 ICC/ IF: 1:50

Western blot detection of Aurora Kinase A in SW480 and COS7 cell lysates and using Aurora Kinase A mouse mAb (1:500 diluted). Predicted band size: 46KDa. Observed band size: 46KDa.

**Background:**

The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for this gene.