



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

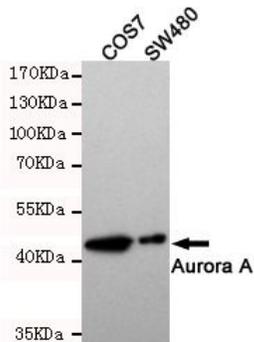
Immunogen: Purified recombinant human ARK1 protein fragments expressed in E.coli

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.