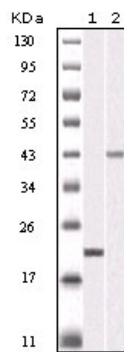




AURKB

Mouse monoclonal Antibody

#54008

Catalog Number: 54008**Amount:** 100µg/100µl**Swiss-Prot No. :**Q96GD4**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 AURKB protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of AURKB and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 39kd WB: 1:500-2000

Western blot analysis using AURKB mouse mAb against truncated AURKB recombinant protein (1) and SKN-SH cell lysate(2).

Background:

Chromosomal segregation during mitosis as well as meiosis is regulated by kinases and phosphatases. The Aurora kinases associate with microtubules during chromosome movement and segregation. Aurora kinase B localizes to microtubules near kinetochores, specifically to the specialized microtubules called K-fibers, and Aurora kinase A (MIM 603072) localizes to centrosomes