



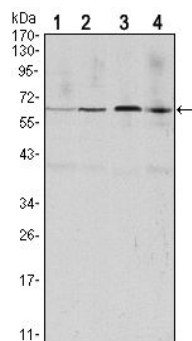
CCNB1

Mouse monoclonal Antibody

#54047

**Catalog Number:** 54047**Amount:** 100µg/100µl**Swiss-Prot No. :** P14635**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 CCNB1 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of CCNB1 and does not cross-react with related proteins**Reactivity:** Human**Applications:**

Predicted MW: 60kd      WB:1:500-2000      IHC:1:200-1000



Western blot analysis using CCNB1 mouse mAb against Hela (1), Jurkat (2), K562 (3) and PC-12 (4) cell lysate.

### Background:

The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase.