



CDKN1C

Mouse monoclonal Antibody

#54049

**Catalog Number:** 54049**Amount:** 100µg/100µl**Swiss-Prot No. :** P49918**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 CDKN1C protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of CDKN1C and does not cross-react with related proteins**Reactivity:** Human**Applications:**

Predicted MW: 57kd      WB:1:500-2000

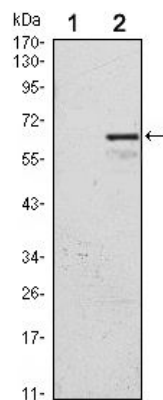


Figure 1: Western blot analysis using CDKN1C mAb against HEK293 (1) and CDKN1C(AA: 214-316)-hlgGFc transfected HEK293 (2) cell lysate.

### Background:

Cyclin-dependent kinase inhibitor 1C is a tight-binding inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations of CDKN1C are implicated in sporadic cancers and Beckwith-Wiedemann syndrome suggesting that it is a tumor suppressor candidate