



## CDKN1C Mouse Monoclonal Antibody

E10-30130

**Background:** The protein encoded by this gene is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene. Tissue specificity: Expressed in the heart, brain, lung, skeletal muscle, kidney, pancreas and testis. High levels are seen in the placenta while low levels are seen in the liver.

**Catalog Number:** E10-30130

**Amount:** 100µg/100µl

**Clone Number:** 3E3

**Species:** Mouse IgG1

**MW:** 57kDa

**Aliases:** BWS; WBS; p57; BWCR; KIP2; CDKN1C

**Entrez Gene:** 1028

**Immunogen:** Purified recombinant fragment of human CDKN1C expressed in E. Coli.

**Storage:** Store at 4°C, for long term storage, store at -20°C.

**Formulation:** Ascitic fluid containing 0.03% sodium azide.

**Species Reactivities:** Human

**Tested Applications:** WB, ELISA. Not yet tested in other applications.

**Application notes:** WB: 1/500 - 1/2000,  
ELISA: Propose dilution 1/10000.

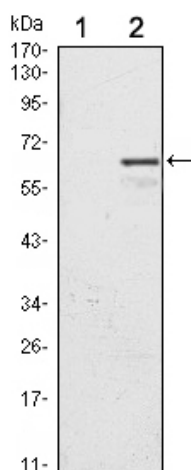


Figure 1: Western blot analysis using CDKN1C mAb against HEK293 (1) and CDKN1C-hlgGfC transfected HEK293 (2) cell lysate.

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