

## CDKN1C monoclonal antibody

Catalog: MB22956

Host: Mouse

Reactivity: Human

### BackGround:

This gene is imprinted, with preferential expression of the maternal allele. The encoded protein 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

32.2kDa

### Swiss-Prot:

P49918

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200-1/1000 IF:1/200 - 1/1000  
FC:1/200-1/400

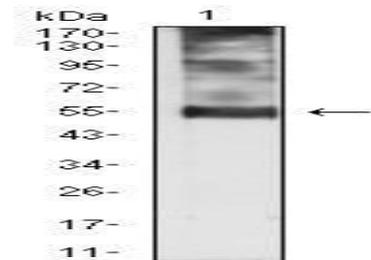
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

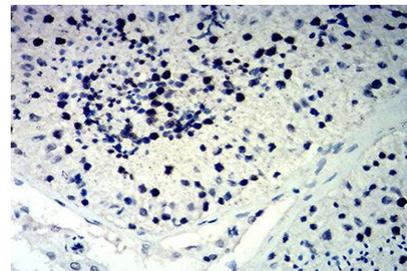
### Isotype:

Mouse IgG1

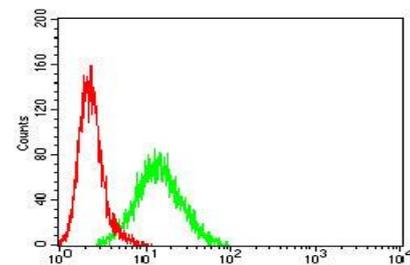
### DATA:



Western blot analysis using CDKN1C mouse mAb against SK-Br-3 (1 cell lysate).



Immunohistochemical analysis of paraffin-embedded human testis tissues using CDKN1C mouse mAb with DAB staining.



Flow cytometric analysis of MCF-7 cells using CDKN1C mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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