

Product Name: CDKN1C Mouse Monoclonal Antibody**Catalog #: AMM82478**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	32.2kDa

Antigen Information

Gene Name	CDKN1C
Alternative Names	BWS; WBS; p57; BWCR; KIP2; p57Kip2
Gene ID	1028.0
SwissProt ID	P49918
Immunogen	Purified recombinant fragment of human CDKN1C expressed in E. Coli.

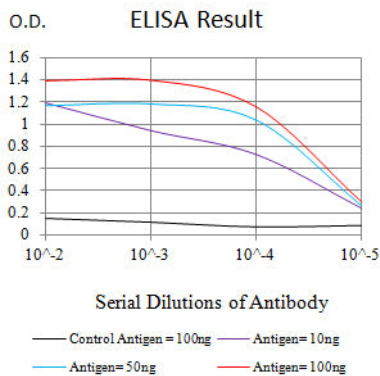
Background

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

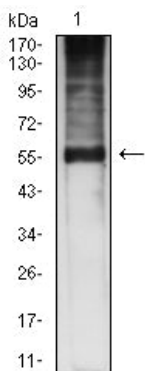
transcript variants encoding two different isoforms have been found for this gene.

Research Area

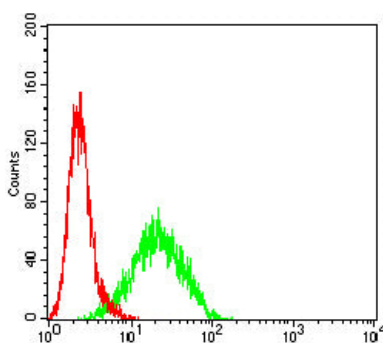
Image Data



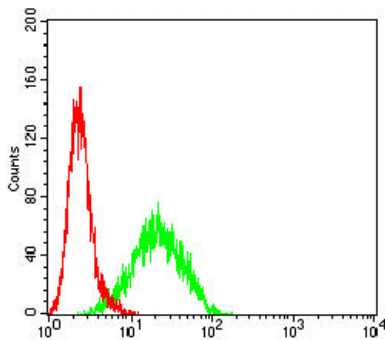
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



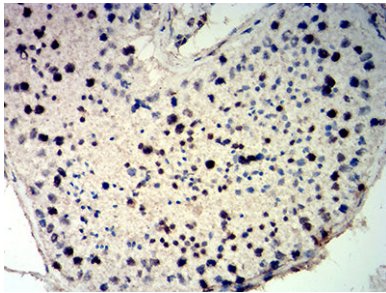
Western blot analysis using CDKN1C mouse mAb against SK-Br-3 (1) cell lysate.



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



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



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