

For Research Use Only

p57Kip2 Monoclonal antibody

Catalog Number: 66794-1-Ig **4 Publications**



Basic Information

Catalog Number: 66794-1-Ig	GenBank Accession Number: BC067842	Purification Method: Protein G purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop and 700 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1028	CloneNo.: 1A12H3
Source: Mouse	Full Name: cyclin-dependent kinase inhibitor 1C (p57, Kip2)	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG1	Calculated MW: 316 aa, 32 kDa	
Immunogen Catalog Number: AG19927	Observed MW: 57 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HSC-T6 cells, HeLa cells, NIH/3T3 cells, RAW 264.7 cells
Cited Applications: WB	
Species Specificity: Human, mouse, rat	
Cited Species: human, mouse	

Background Information

CDKN1C, also named as p57KIP2 and KIP2, belongs to the CDI family. CDKN1C is a potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. It is a negative regulator of cell proliferation. CDKN1C may play a role in maintenance of the non-proliferative state throughout life.

Notable Publications

Author	Pubmed ID	Journal	Application
Giovanna Rigillo	34650038	Nat Commun	WB
Gergely Rona	38458201	Mol Cell	WB
Gergely Rona	38260436	bioRxiv	WB

Storage

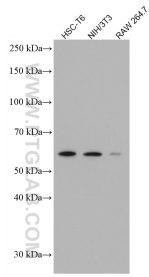
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66794-1-Ig (CDKN1C antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.