

For Research Use Only

p57Kip2 Monoclonal antibody, PBS Only

Catalog Number: 66794-1-PBS



Basic Information

Catalog Number: 66794-1-PBS	GenBank Accession Number: BC067842	Purification Method: Protein G purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1028	CloneNo.: 1A12H3
Source: Mouse	UNIPROT ID: P49918	
Isotype: IgG1	Full Name: cyclin-dependent kinase inhibitor 1C (p57, Kip2)	
Immunogen Catalog Number: AG19927	Calculated MW: 316 aa, 32 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

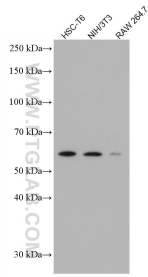
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

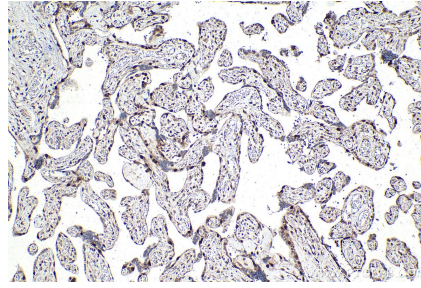
E: proteintech@ptglab.com
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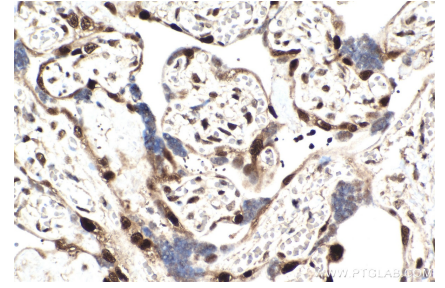
Selected Validation Data



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. This data was developed using the same antibody clone with 66794-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 66794-1-Ig (p57Kip2 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66794-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 66794-1-Ig (p57Kip2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66794-1-PBS in a different storage buffer formulation.