

p57
Mouse Monoclonal antibody(Mab)
Catalog # AD80149

Specification

p57 - Product info

Application	IHC-P, IHC
Primary Accession	P49918
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	32177

p57 - Additional info

Gene ID	1028
Gene Name	CDKN1C
Other Names	
Cyclin-dependent kinase inhibitor 1C, Cyclin-dependent kinase inhibitor p57, p57Kip2, CDKN1C, KIP2	

Dilution

IHC-P~~Ready-to-use
IHC~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions

p57 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

p57 - Protein Information

Name CDKN1C

Synonyms
Function

KIP2
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. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life.

Cellular Location
Tissue Location

Nucleus.
Expressed in the heart, brain, lung, skeletal muscle, kidney, pancreas and testis. Expressed in the eye. High levels are seen in the placenta while low levels

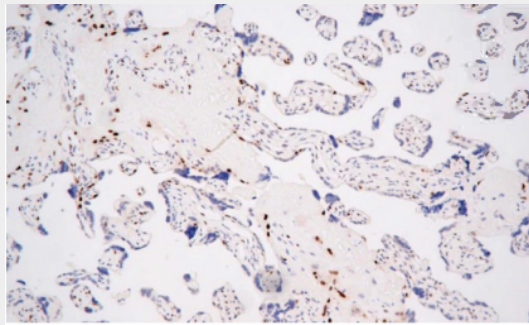
are seen in the liver.

p57 - Protocols

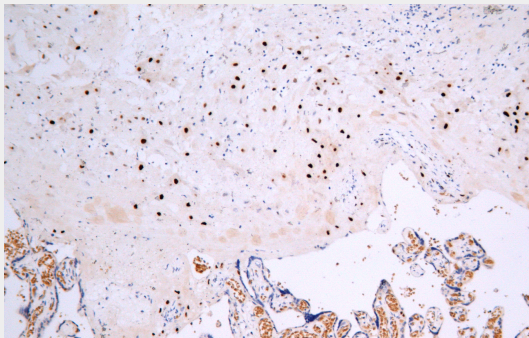
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

p57 - Images



Placenta



Immunohistochemical analysis of paraffin-embedded human placenta tissue using AD80149 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.