

**p57**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80149**

## Specification

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### p57 - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">P49918</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	32177

### p57 - Additional info

Gene ID	1028
Gene Name	CDKN1C
<b>Other Names</b>	
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**

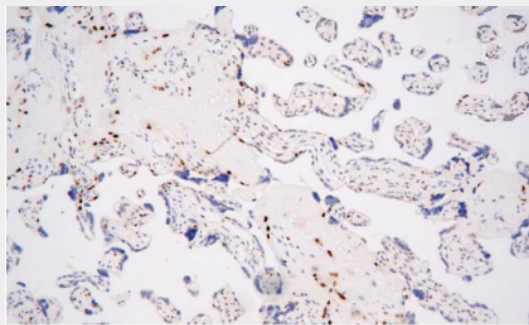
are seen in the liver.

### p57 - Protocols

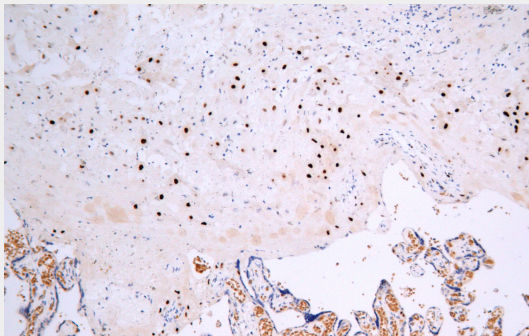
Provided below are standard protocols that you may find useful for product applications.

- [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.