

**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

**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

#### Precautions

**This product is stored at 2-249 °C, please use it within the expiration date.**  
**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.**  
**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.**

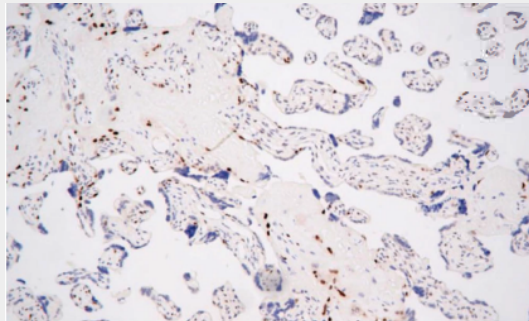
**Cellular Location**  
**Tissue Location**

## p57 - Protocols

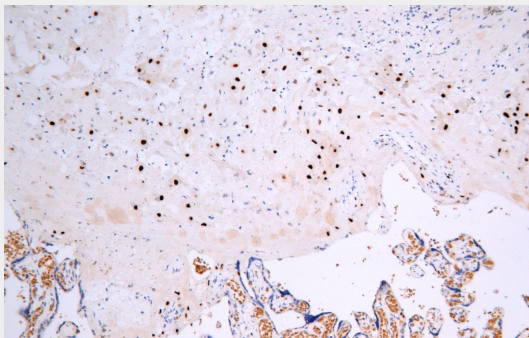
Provided below are standard protocols that you may find useful for product applications.

- [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.