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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	**KIP2**
Function	**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	**Nucleus.**
Tissue Location	**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**

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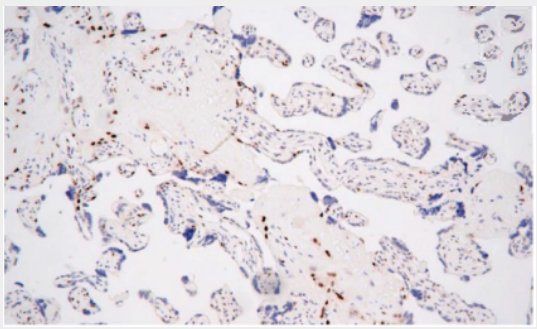
are seen in the liver.

p57 - Protocols

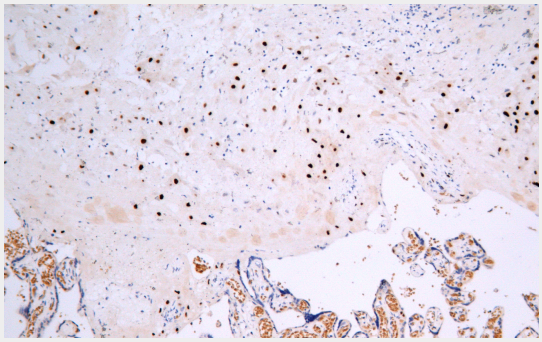
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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. AmpSeeTM Detection Systems□Abcepta:AR005□ was used as the secondary antibody.