

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 44-1107: Anti-p57 kip2 Monoclonal Antibody (Clone:IHC057)

Clonality: Monoclonal **Clone Name:** IHC057 Application: IHC Human Reactivity: Gene: CDKN1C Gene ID: 1028 **Uniprot ID:** P49918 Format: **Purified** 

Alternative Name: KIP2, Cyclin-dependent kinase inhibitor p57, p57Kip2

## **Description**

p57kip2, also known as p57, is a tumor suppressor protein that causes cell cycle arrest at G1 by binding G1 cyclin-CDK complexes. The p57kip2 gene is a potential tumor suppressor target as the gene is located in a chromosomal region implicated in sporadic cancers, Wilms' tumor, and Beckwith Wiedemann syndrome. Anti-p57kip2 labels many cytotrophoblast nuclei and stromal cells in normal placenta, and is useful in differentiating between complete hydatidiform mole and partial hydatidiform mole or hydropic abortion.

## **Product Info**

**Amount:** 0.1 ml / 1 ml

**Purification :** Protein A/G Chromatography

**Storage condition :** Store at 2°C - 8°C.

## **Application Note**

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

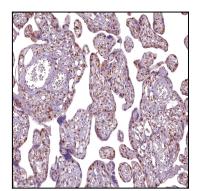


Figure 1: Immunohistochemical analysis of p57kip2 (IHC057) on Placenta