

## P57/Kip2 clone Kp10

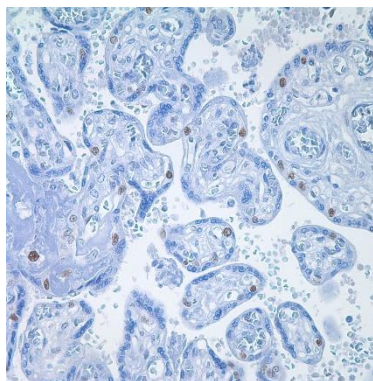
### Instructions for Use

#### Specification:

Anti-p57 has been used as an aid in discriminating complete hydatidiform mole (CHM) (no nuclear labeling of cytotrophoblasts or stromal cells) from partial hydatidiform mole (PHM) (nuclear staining of both cytotrophoblasts and stromal cells) and hydropic abortion. In normal placenta, cytotrophoblast, syncytio trophoblast, and stromal cells are labeled with this antibody. Intervillous trophoblastic islands demonstrate nuclear labeling in all entities and serve as an internal control.<sup>1-4</sup>

#### Availability:

Catalog No.	Contents	Volume
ILM4573-C01	P57/Kip2	0,1 ml concentrate
ILM4573-C05	P57/Kip2	0,5 ml concentrate
ILM4573-C1	P57/Kip2	1,0 ml concentrate



**Intended use:** For Research Use Only

**Reactivity:** Human

**Clone:** Kp10

**Species of origin:** Mouse

**Isotype:** IgG<sub>2b/k</sub>

**Control Tissue:** Colon or prostate carcinomas

**Staining:** Nuclear

**Presentation:** p57/Kip2 (Kp10) is a purified antibody from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA and 0.05% Azide.

#### Application and suggested dilutions:

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:100-1:200)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.

#### References:

- 1) Lee, M.-H., et al 1995, cloning of P57, a cyclin-dependent kinase inhibitor with unique domain structure and tissue distribution. Dev. 9: 639-649