

Mouse anti-Human p57 Monoclonal Antibody | anti-p57 antibody

p57

CATALOG # AAA59251	HOST Mouse	REACTIVITY Human
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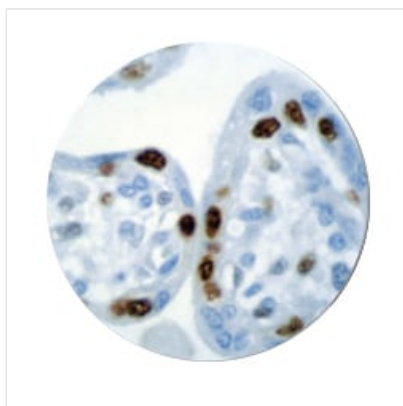
PRODUCT SYNONYMS

p57; Monoclonal Antibody; anti-p57 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b/K
Clone Number	Kp10
Form/Format	p57 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Placenta, Colon Carcinoma
Localization	Nuclear
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:1000-1:5000	0.1 ml
Concentrated	1:1000-1:5000	0.5 ml
Concentrated	1:1000-1:5000	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-p57 antibody	p57 or p57KIP2 is a tumor-suppressor human gene that belongs to the cip/kip gene family. It encodes a cell cycle inhibitor that binds to G1 cyclin-CDK complexes. Thus, p57 causes arrest of the cell-cycle in G1 phase. A mutation of this gene may lead to loss of control over the cell-cycle leading to uncontrolled cellular proliferation. The gene encoding human p57KIP2 is located on chromosome 11p15.5, a region implicated in sporadic cancers, Wilm's Tumor and Beckwith Wiedemann Syndrome (BWS is characterized by increased risk of tumor formation in childhood), making it a tumor suppressor candidate. Anti-p57 has been used to aide in discriminating Complete Hydatidiform Mole (CHM) (no nuclear labeling of cytotrophoblasts) from Partial Hydatidiform Mole (PHM) and hydropic abortion. In normal placenta, many cytotrophoblast nuclei and stromal cells are labelled with this antibody. Similar findings apply to PHM and hydropic abortus tissues. Intervillous Trophoblastic Islands (IVTIs) demonstrate nuclear labeling in all three entities and serve as an internal control.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	282929332
NCBI GenBank Nucleotide #	ZP_06336900.1
NCBI Official Full Name	p57

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/p57-antibody-clone-kp10-elisa/59251>