

# p57 Kip2 Monoclonal Antibody (57P06 (KP10))

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Antibody
Clone	57P06 (KP10)
Conjugate	Unconjugated
Immunogen	Recombinant human p57Kip2 protein
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10981309

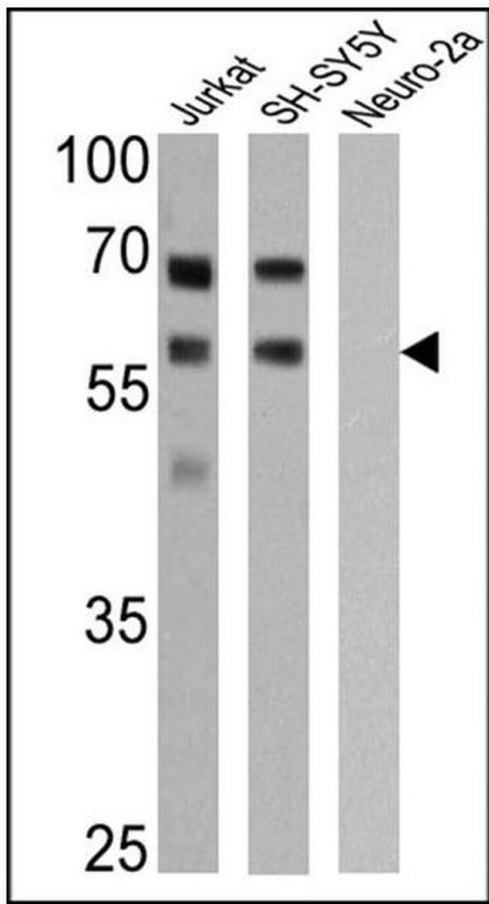
Applications	Tested Dilution	Publications
Western Blot (WB)	1:50-1:500	1 Publication
Immunohistochemistry (IHC)	-	23 Publications
Immunohistochemistry (Paraffin) (IHC (P))	2-4 µg/mL	-
Immunoprecipitation (IP)	2 µg/mL	-

**Product Specific Information**

MA5-11309 targets p57Kip2 in WB, IHC (P) and IP applications and shows reactivity with Human and mouse samples.

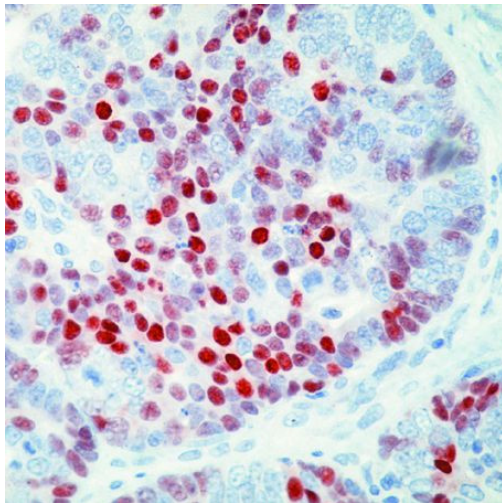
The MA5-11309 immunogen is recombinant human p57Kip2 protein.

## Product Images For p57 Kip2 Monoclonal Antibody (57P06 (KP10))



#### p57 Kip2 Antibody (MA5-11309) in WB

Western blot analysis of p57Kip2 was performed by loading 25 µg of Jurkat (lane 1), SH-SY5Y (lane 2) and Neuro-2a (lane 3) cell lysates onto an SDS polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked at 4°C overnight. The membrane was probed with a p57Kip2 monoclonal antibody (Product # MA5-11309) at a dilution of 1:50 (Jurkat) and 1:100 (SH-SY5Y and Neuro-2a) overnight at 4°C, washed in TBST, and probed with an HRP-conjugated secondary antibody for 1 hr at room temperature in the dark. Chemiluminescent detection was performed using Pierce ECL Plus Western Blotting Substrate (Product # 32132). Results show a band at ~57 kDa.



#### p57 Kip2 Antibody (MA5-11309) in IHC (P)

Formalin-fixed, paraffin-embedded human colon carcinoma stained with p57 antibody using peroxidase-conjugate and AEC chromogen. Note nuclear staining of tumor cells.

# Native IP

kDa

133-

86-

-p57<sup>Kip2</sup>

41-

30-

IP / Western  
Human Cells-17

## p57 Kip2 Antibody (MA5-11309) in IP

Immunoprecipitation of p57Kip2 using p57Kip2 Monoclonal Antibody (Product # MA5-11309) on Native Human LS174T Cells.

## Western Blot (1)

<p><b>Cerebral cortex (New York, N.Y. : 1991)</b></p> <p><b>The cyclin-dependent kinase inhibitor p57Kip2 regulates cell cycle exit, differentiation, and migration of embryonic cerebral cortical precursors.</b></p> <p>"MA5-11309 was used in western blot to study the role of the CDK inhibitor p57Kip2 in regulating cell cycle exit."</p> <p>Authors: Tury A,Mairet-Coello G,DiCicco-Bloom E</p>	<p><b>Year</b> 2011</p> <p><b>Species</b> Mouse</p>
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## Immunohistochemistry (23)

<p><b>Biomedicines</b></p> <p><b>Epigenetic Dysregulation of Trophoblastic Gene Expression in Gestational Trophoblastic Disease.</b></p> <p>"MA5-11309 was used in Immunohistochemistry to provide new insights into the shared and disparate molecular pathways of disease in GTDs and may help in designing new diagnostic and therapeutic tools."</p> <p>Authors: Szabolcsi Z,Demeter A,Kiraly P,Balogh A,Wilson ML,King JR,Hetey S,Gelencser Z,Matsuo K,Hargitai B,Mhawech-Fauceglia P,Hupucz P,Szilagyi A,Papp Z,Roman LD,Cortessis VK,Tham NG</p>	<p><b>Year</b> 2021</p> <p><b>Species</b> Human</p> <p><b>Dilution</b> 1:3000</p>
<p><b>International journal of molecular sciences</b></p> <p><b>Dysregulation of Placental Functions and Immune Pathways in Complete Hydatidiform Moles.</b></p> <p>"MA5-11309 was used in Immunohistochemistry to analyze high-dimensional RNA and protein data to characterize molecular features of complete hydatidiform moles (CHMs) and corresponding pathologic pathways."</p> <p>Authors: King JR,Wilson ML,Hetey S,Kiraly P,Matsuo K,Castaneda AV,Toth E,Krenacs T,Hupucz P,Mhawech-Fauceglia P,Balogh A,Szilagyi A,Matko J,Papp Z,Roman LD,Cortessis VK,Tham NG</p>	<p><b>Year</b> 2019</p> <p><b>Species</b> Human</p> <p><b>Dilution</b> 1:300</p>

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