

# p57 Kip2 Monoclonal Antibody (KP39)

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse
Published Species	Rat, Mouse
Host/Isotype	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Antibody
Clone	KP39
Conjugate	Unconjugated
Immunogen	Recombinant human p57Kip2 protein
Form	Liquid
Concentration	0.05 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_10980149

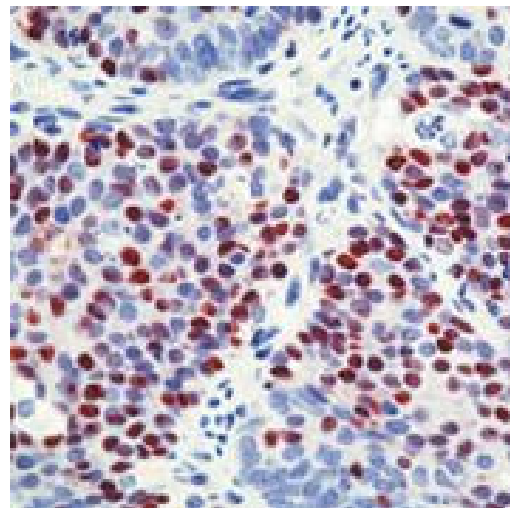
Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Immunohistochemistry (IHC)	-	5 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-
Immunoprecipitation (IP)	2 µg/mL	-

## Product Specific Information

MA5-14361 targets p57Kip2 in IHC (P) and IP applications and shows reactivity with Human and mouse samples.

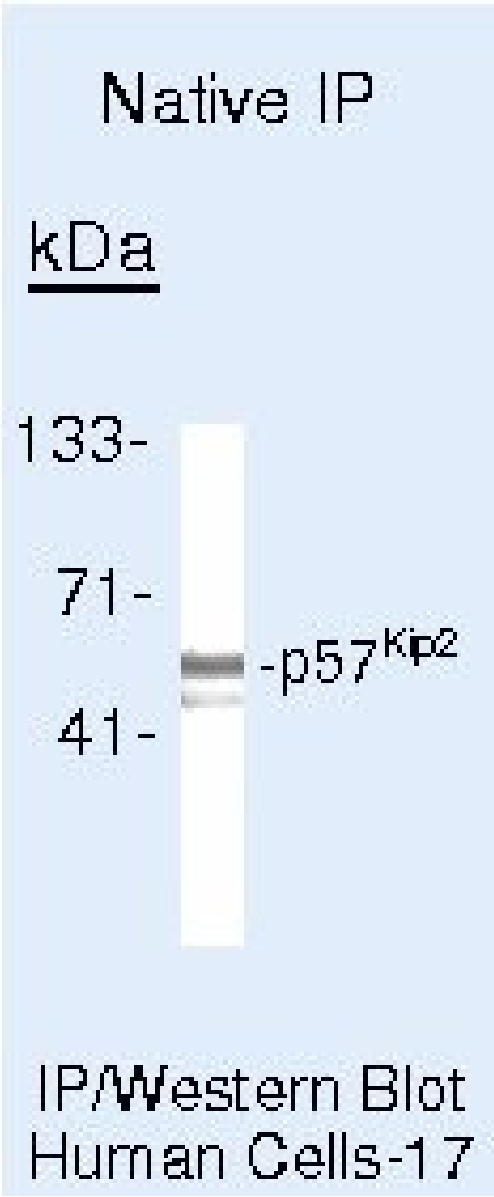
The MA5-14361 immunogen is recombinant human p57Kip2 protein.

Product Images For p57 Kip2 Monoclonal Antibody (KP39)



**p57 Kip2 Antibody (MA5-14361) 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.

**p57 Kip2 Antibody (MA5-14361) in IP**  
Immunoprecipitation of p57Kip2 using p57Kip2 Monoclonal Antibody (Product # MA5-14361) on Native Human LS174T Cells.



Western Blot (1)

<b>Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research</b>	<b>Year</b> 2004
<b>Expression and activity of the CDK inhibitor p57Kip2 in chondrocytes undergoing hypertrophic differentiation.</b>	<b>Species</b> Rat
"MA5-14361 was used in western blot to investigate the role of p57Kip2 in the process of chondrocyte differentiation"	<b>Dilution</b> 2 µg/mL
Authors: Stewart MC,Kadlcek RM,Robbins PD,MacLeod JN,Ballock RT	

Immunohistochemistry (5)

<b>PloS one</b>	<b>Year</b> 2015
<b>BAF200 is required for heart morphogenesis and coronary artery development.</b>	<b>Species</b> Mouse
"MA5-14361 was used in immunohistochemistry to examine the role of BAF200 in both heart morphogenesis and coronary artery angiogenesis"	<b>Dilution</b> 1:150
Authors: He L,Tian X,Zhang H,Hu T,Huang X,Zhang L,Wang Z,Zhou B	

<b>Endocrinology</b>	<b>Year</b> 2009
<b>The notch target gene HES1 regulates cell cycle inhibitor expression in the developing pituitary.</b>	<b>Species</b> Mouse
"MA5-14361 was used in immunohistochemistry to study the role of the Notch target gene HES1 in regulating cell cycle inhibitor expression in the developing pituitary"	<b>Dilution</b> 1:750
Authors: Monahan P,Rybak S,Raetzman LT	

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