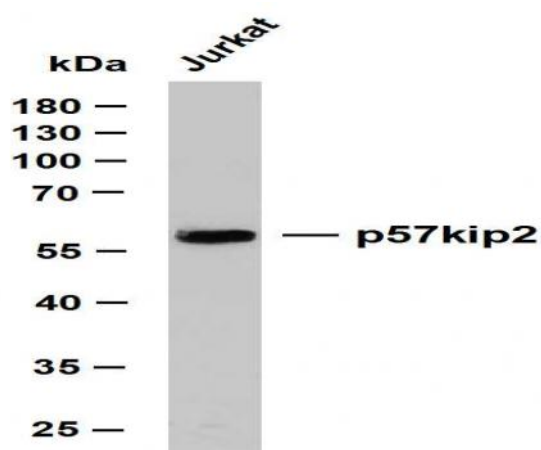


## p57kip2 (ABT-P57) mouse mAb

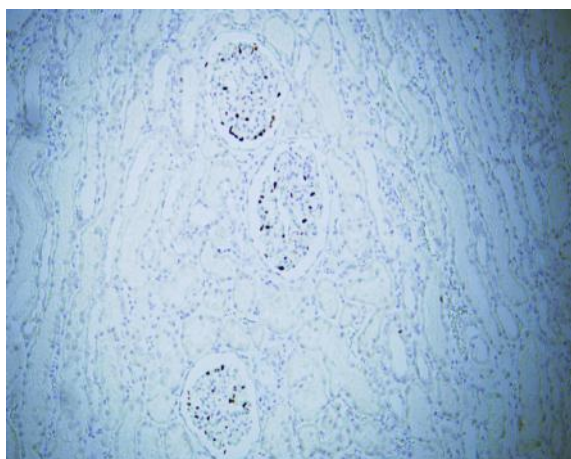
<b>Catalog No :</b>	YM6205
<b>Reactivity :</b>	Human;
<b>Applications :</b>	WB;IHC;ELISA
<b>Target :</b>	p57
<b>Fields :</b>	>>Cell cycle
<b>Gene Name :</b>	CDKN1C KIP2
<b>Protein Name :</b>	Beckwith Wiedemann syndrome;BWCR;BWS;CDKI;CDKN1C;CDKN1C;CDN1C_HUMAN;Cyclin dependent kinase inhibitor 1C;Cyclin dependent kinase inhibitor p57;Cyclin-dependent kinase inhibitor 1C;Cyclin-dependent ki
<b>Human Gene Id :</b>	1028
<b>Human Swiss Prot No :</b>	P49918
<b>Mouse Swiss Prot No :</b>	P49919
<b>Immunogen :</b>	Synthesized peptide derived from human p57kip2 AA range: 200-316
<b>Specificity :</b>	This antibody detects endogenous levels of p57kip2 protein
<b>Formulation :</b>	PBS, pH7.4, 50% glycerol, 0.05% Proclin 300
<b>Source :</b>	Mouse, Monoclonal/IgG2a, Kappa
<b>Dilution :</b>	IHC 1:200-400, WB 1:500-2000, ELISA 1:5000-20000
<b>Purification :</b>	Protein G
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	35kD

<b>Cell Pathway :</b>	TLR pathway; IIP pathway; RTK pathway; TNF pathway
<b>Background :</b>	<p>This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2010],</p>
<b>Function :</b>	<p>disease:Defects in CDKN1C are a cause of Beckwith-Wiedemann syndrome (BWS) [MIM:130650]. BWS is a genetically heterogeneous disorder characterized by anterior abdominal wall defects including exomphalos (omphalocele), pre- and postnatal overgrowth, and macroglossia. Additional less frequent complications include specific developmental defects and a predisposition to embryonal tumors.,disease:Defects in CDKN1C are involved in tumor formation.,function:Potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life.,similarity:Belongs to the CDI family.,tissue specificity:Expressed in the heart, brain, lung, skeletal muscle, kidney, pancreas and testis. High levels ar</p>
<b>Subcellular Location :</b>	Nuclear
<b>Expression :</b>	Placenta/ Kindey
<b>Sort :</b>	999
<b>Host :</b>	Mouse
<b>Modifications :</b>	Unmodified

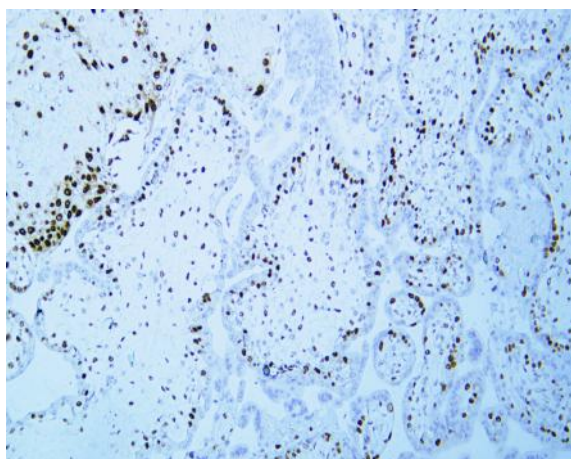
## Products Images



Whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-p57kip2 (ABT-P57) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: Jurkat Predicted band size: 57kDa Observed band size: 57kDa



Human Kidney tissue was stained with Anti-p57kip2 (ABT-P57) Antibody



Human placenta tissue was stained with Anti-p57kip2 (ABT-P57) Antibody