

**Product Name: p57 Kip2 (12I5) Rabbit Monoclonal Antibody****Catalog #: AMRe15653**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP,IF-P
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:100-1:200,IP 1:10-1:100,IF-P 1:100-1:200
<b>Molecular Weight</b>	32kDa

**Antigen Information**

<b>Gene Name</b>	CDKN1C
<b>Alternative Names</b>	BWCR; BWS; KIP2; WBS; p57; p57 Kip2; WBS ; CDKN1C; Cyclin dependent kinase inhibitor 1C
<b>Gene ID</b>	1028.0
<b>SwissProt ID</b>	P49918
<b>Immunogen</b>	A synthetic peptide of human p57 Kip2

**Background**

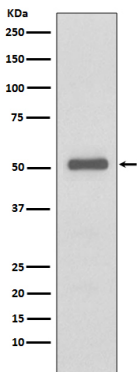
p27 Kip1 is a member of the Cip/Kip family of cyclin-dependent kinase inhibitors. Like its relatives, p57 Kip2 and p21 Waf1/Cip1,

the ability to enforce the G1 restriction point is derived from its inhibitory binding to CDK2/cyclin E and other CDK/cyclin complexes. Expression levels of p27 are upregulated in quiescent cells and in cells treated with cAMP or other negative cell cycle regulators. 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.

## Research Area

Cell Biology

## Image Data



Western blot analysis on HeLa cell using p57 Kip2 Antibody.