

# p27 KIP 1 Rabbit mAb

Catalog # AP75850

## Product Information

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<b>Application</b>	WB, IHC-P, FC, IP
<b>Primary Accession</b>	<a href="#">P46527</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	22 KDa

## Additional Information

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<b>Other Names</b>	CDKN1B
<b>Dilution</b>	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:20-1:50 IP~~1:20-1:50
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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### Background

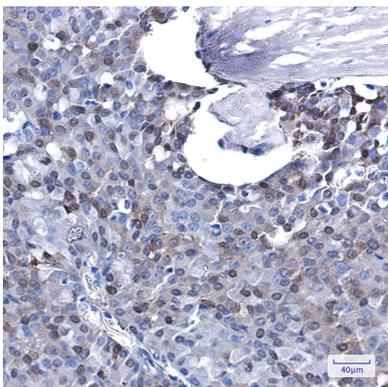
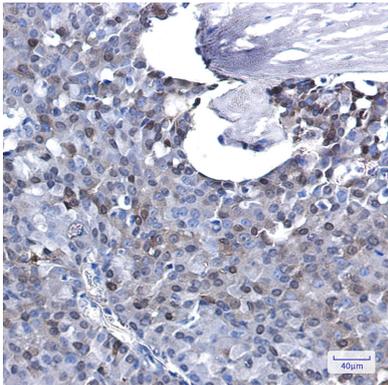
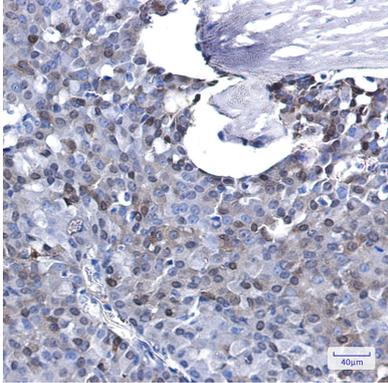
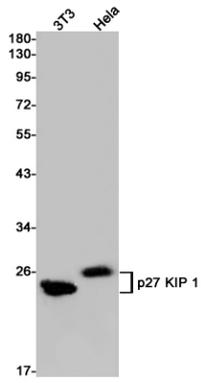
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The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state.

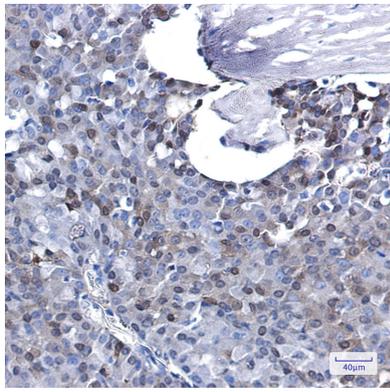
### Images

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Western blot analysis of p27 KIP 1 in 3T3, Hela lysates using p27 Kip 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using p27 KIP 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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