

**Product Name: Phospho-p27 Kip 1 (Ser10) Rabbit
Monoclonal Antibody
Catalog #: AMRe02381**

Summary

Production Name	Phospho-p27 Kip 1 (Ser10) Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	CDKN1B
Alternative Names	CDKN1B; KIP1; Cyclin-dependent kinase inhibitor 1B; Cyclin-dependent kinase inhibitor p27; p27Kip1
Gene ID	1027
SwissProt ID	P46527.

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 27 kDa

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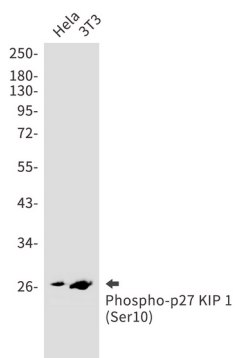
Background

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.

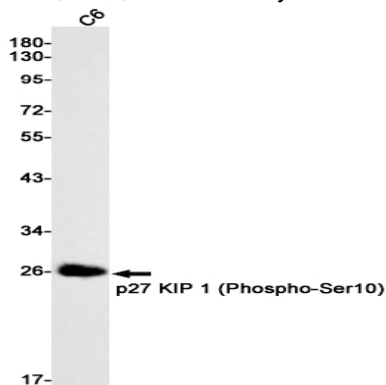
Research Area

Cell Biology

Image Data

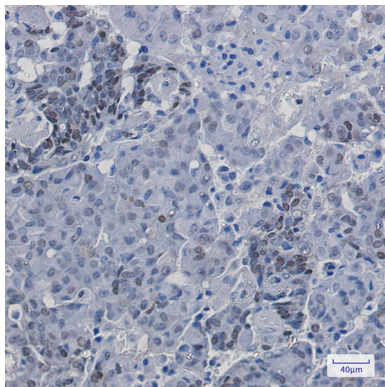


Western blot analysis of Phospho-p27 KIP 1 (Ser10) in HeLa, 3T3 lysates using Phospho-p27 Kip 1 (Ser10) antibody.



Western blot analysis of Phospho-p27 KIP 1 (Ser10) in C6 lysates using Phospho-p27 KIP 1 (Ser10) antibody.

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Immunohistochemistry analysis of paraffin-embedded Human breast cancer using p27 KIP 1 (Phospho-Ser10) antibody.
High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.