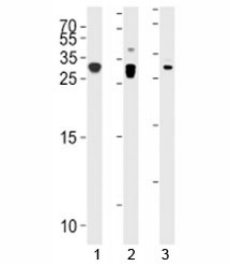
p27Kip1 Rabbit Monoclonal Antibody (F47704)

Catalog No.	Formulation	Size
F47704-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47704-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Hamster
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P46527
Applications	Western blot: 1:1000
Limitations	This p27Kip1 Rabbit Monoclonal Antibody is available for research use only.



p27Kip1 Rabbit Monoclonal Antibody western blot analysis in 1) A431, 2) HeLa, and 3) mouse C2C12 lysate. Predicted molecular weight ~27kDa.

Description

This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. 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. [provided by RefSeq].

For additional research options, explore our highly published p27Kip1 Antibody SX53G8, a well-established monoclonal antibody targeting CDKN1B.

Application Notes

Titration of the p27Kip1 Rabbit Monoclonal Antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for this p27Kip1 antibody.

Storage

Aliquot the p27Kip1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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