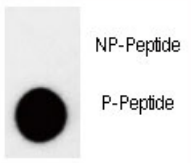
Phospho-p27Kip1 Antibody (pT157) (F48428)

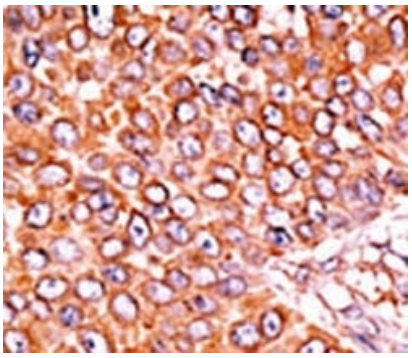
Catalog No.	Formulation	Size
F48428-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48428-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P46527
Applications	Dot blot : 1:500 IHC (Paraffin) : 1:50-1:100
Limitations	This phospho-p27Kip1 antibody is available for research use only.



Dot blot analysis of phospho-p27Kip1 antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.



IHC analysis of FFPE human breast carcinoma tissue stained with the phospho-p27Kip1 antibody.

Description

p27Kip1 is 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.

Application Notes

Titration of the phospho-p27Kip1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This phospho-p27Kip1 antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pT157 of human p27Kip1.

Storage

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

Ordering:Phone:858.663.9055 | Fax:1.267.821.0800 | Email:info@nsjbio.com