

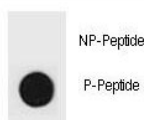
Phospho-p27Kip1 Antibody (pS83) (F48818)

| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F48818-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F48818-0.08ML | 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 |
| 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.



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].

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 pS83 of human p27Kip1.

Storage

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