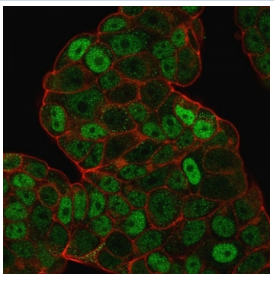
p27Kip1 Antibody SPM348 / CDKN1B Mouse MAb [clone SPM348] (V9001)

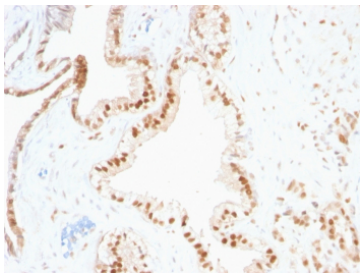
Catalog No.	Formulation	Size
V9001-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V9001-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V9001SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V9001IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	SPM348
Purity	Protein G affinity chromatography
UniProt	P46527
Localization	Nuclear
Applications	Immunofluorescence: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This p27Kip1 Antibody SPM348 is available for research use only.



p27Kip1 Antibody SPM348 IF. Immunofluorescent staining of PFA fixed human MCF7 cells with p27Kip1 antibody (clone SPM348, green) and Phalloidin (red).



p27Kip1 Antibody SPM348 Prostate Carcinoma IHC. Immunohistochemistry analysis of formalin-fixed, paraffin-embedded human prostate carcinoma stained with p27 antibody (clone SPM348).

Description

p27Kip1 Antibody SPM348 recognizes a 27kDa protein, identified as the p27Kip1, a cell cycle regulatory mitotic inhibitor. It is highly specific and shows no cross-reaction with other related mitotic inhibitors. p27Kip1 functions as a negative regulator of G1 progression and has been proposed to function as a possible mediator of TGF- induced G1 arrest. p27Kip1 is a candidate tumor suppressor gene.

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

Application Notes

The optimal dilution of the p27Kip1 Antibody SPM348 for each application should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Mouse p27Kip1 protein was used as the immunogen for this p27 antibody.

Storage

Store the p27Kip1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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