

Product Datasheet

p27/Kip1 Antibody (SPM348) - Azide and BSA Free NBP2-34766-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-34766-0.1mg

p27/Kip1 Antibody (SPM348) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SPM348
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS

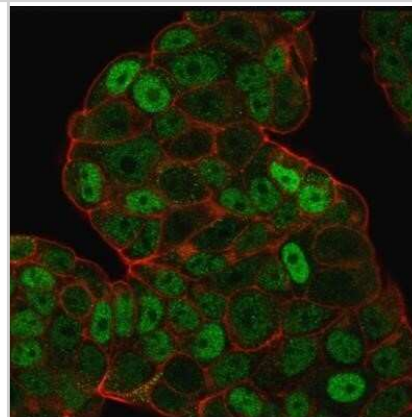
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32890). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	1027
Gene Symbol	CDKN1B
Species	Human, Mouse, Rat, Monkey
Specificity/Sensitivity	This monoclonal antibody 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. This monoclonal antibody is excellent for staining of formalin-fixed tissues.
Immunogen	Purified GST-p27 fusion protein of Mouse origin (Uniprot: P46527)

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

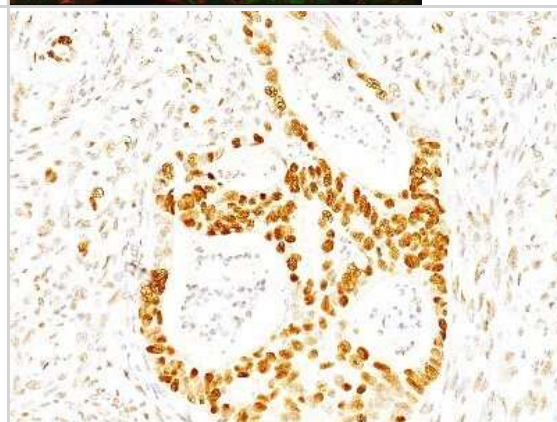


Images

Immunocytochemistry/Immunofluorescence: p27/Kip1 Antibody (SPM348) - Azide and BSA Free [NBP2-34766] - Analysis of PFA-fixed MCF-7 cells labeling p27 with p27/Kip1 Antibody (SPM348) followed by goat anti-mouse IgG-CF488. Membrane is stained with Phalloidin-CF640.



Immunohistochemistry-Paraffin: p27/Kip1 Antibody (SPM348) - Azide and BSA Free [NBP2-34766] - Human colon stained with p27 MAb (SPM348)



Immunohistochemistry-Paraffin: p27/Kip1 Antibody (SPM348) - Azide and BSA Free [NBP2-34766] - Human Prostate stained with p27/Kip1 Antibody (SPM348).





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Products Related to NBP2-34766-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-72503-100ug	Recombinant Human p27/Kip1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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