

# Product Datasheet

## p27/Kip1 Antibody (KIP1/769) - IHC-Prediluted NBP2-48399

Unit Size: 7 ml

Store at 4C.

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Updated 10/23/2024 v.20.1

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**NBP2-48399**

p27/Kip1 Antibody (KIP1/769) - IHC-Prediluted

Product Information	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	KIP1/769
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
Product Description	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	1027
<b>Gene Symbol</b>	CDKN1B
<b>Species</b>	Human, Mouse, Rat, Monkey
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Recombinant full-length human p27/Kip1 protein (Uniprot: P46527)
Product Application Details	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 0.25-0.5ug/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.

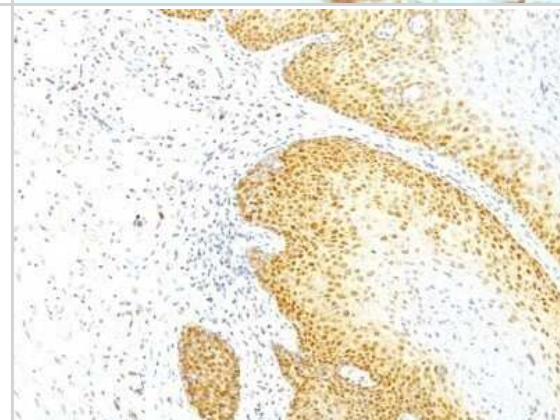


**Images**

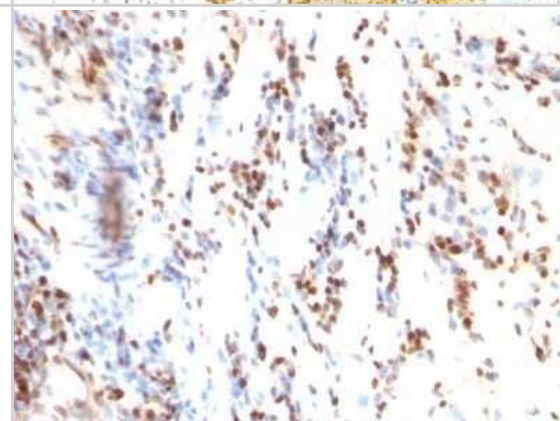
Immunohistochemistry-Paraffin: p27/Kip1 Antibody (KIP1/769) - IHC-Prediluted [NBP2-48399] - Rat Colon stained with p27 Monoclonal Antibody (KIP1/769)



Immunohistochemistry-Paraffin: p27/Kip1 Antibody (KIP1/769) - IHC-Prediluted [NBP2-48399] - Human Cervical cancer stained with p27 Monoclonal Antibody (KIP1/769)



Immunohistochemistry-Paraffin: p27/Kip1 Antibody (KIP1/769) - IHC-Prediluted [NBP2-48399] - Human Colon Carcinoma stained with p27 Monoclonal Antibody (KIP1/769)



Immunohistochemistry-Paraffin: p27/Kip1 Antibody (KIP1/769) - IHC-Prediluted [NBP2-48399] - Human Prostate cancer stained with p27 Monoclonal Antibody (KIP1/769)





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-48399**

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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

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### **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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