

# Product Datasheet

## p27/Kip1 Antibody NB600-1442

Unit Size: 0.1 ml

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

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**NB600-1442**

p27/Kip1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	80 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	Serum
Purity	Delipidation and Defibrination
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
Description	This antibody was prepared from monospecific antiserum by delipidation and defibrination.
Host	Rabbit
Gene ID	1027
Gene Symbol	CDKN1B
Species	Human
Reactivity Notes	Antiserum will specifically react with p27 protein from human tissue. No reaction was observed against other related tumor suppressor proteins. No reactivity is observed with p27 from mouse. Reactivity against p27 from other species hasn't been tested.
Specificity/Sensitivity	No reaction is observed against other related tumor suppressor proteins.
Immunogen	This antibody was prepared from whole rabbit serum produced by repeated immunizations with a full length recombinant human p27/Kip1 protein.

Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:4000, Simple Western, ELISA 1:10000-1:40000, Immunoprecipitation 1:100
Application Notes	This antibody is suitable for use in ELISA, immunoprecipitation, co-immunoprecipitation and western blotting. Expect a band at ~27 kDa in size corresponding - p27 by western blotting in the appropriate cell lysate or extract. Anti-p27 is suitable for the detection by immunoblot of human p27. No reactivity is observed with p27 from mouse. This antibody is suitable for immunoprecipitation of in vitro translated protein and cell lysates and will co-precipitate associated proteins.

**Publications**

Kushwaha SS, Raichlin E, Sheinin Y et al. Sirolimus affects cardiomyocytes to reduce left ventricular mass in heart transplant recipients. *Eur Heart J*;29(22):2742-2750. 2008-01-01 [PMID: 18790727]





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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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