

## Basic Information

<b>Product Name</b>	Anti-P27/KIP1/CDKN1B Antibody (Clone#DCS-72)	
<b>Gene Name</b>	CDKN1B	
<b>Source</b>	Mouse	
<b>Clonality</b>	Monoclonal	
<b>Isotype</b>	IgG1	
<b>Species Reactivity</b>	human, mouse, rat	
<b>Tested Application</b>	WB, ICC/IF	
<b>Contents</b>	200ug/ml antibody with PBS , 0.02% NaN <sub>3</sub> , 1mg BSA and 50% glycerol.	
<b>Immunogen</b>	recombinant rodent p27Kip1 protein.	
<b>Concentration</b>	200ug/ml	
<b>Purification</b>	Ascites	
<b>Observed MW</b>	27 kDa	
<b>Dilution Ratios</b>	Western blot (WB):	1:500-2000
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-400

## Storage

12 months from date of receipt, -20°C as supplied.

## Background Information

P27(kip1), also known as cyclin dependent kinase inhibitor 1B(CDKN1B), is a major target of AFX-like forkhead proteins. CDKN1B(p27) belongs to the Cip/Kip family and functions as an important cell cycle gatekeeper. Phosphorylation leads to the ubiquitination and degradation of CDKN1B. P27(kip1) mapped to 12p13. An increase in p27 causes proliferating cells to exit from the cell cycle, and a decrease in p27 is necessary for quiescent cells to resume division. Abnormally low amounts of p27 are associated with pathological states of excessive cell proliferation, especially cancers. Overexpression of p27Kip1 lengthens the G1 phase in a mouse model that targets inducible gene expression to central nervous system progenitor cells.

Product datasheet

## Anti-P27/KIP1/CDKN1B Antibody (Clone#DCS-72)

Catalog Number: **BM1594**

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## Reference

Anti-P27/KIP1/CDKN1B Antibody (Clone#DCS-72)被引用在1文献中。

## Selected Validation Data

P27(BM1594)(MW:27KD)Hela细胞裂解，免疫印迹分析。

