BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-p27Kip1 CDKN1B Antibody (Monoclonal, 35C86)

Catalog Number: M00173-4

About CDKN1B

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.

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Overview

Product Name	Anti-p27Kip1 CDKN1B Antibody (Monoclonal, 35C86)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-p27Kip1 CDKN1B Antibody (Monoclonal, 35C86) catalog # M00173-4. Tested in ICC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ICC, WB
Clonality	Monoclonal 35C86
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	O08769

Technical Details

Immunogen	recombinant rodent p27Kip1 protein.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for ICC.

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Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunocytochemistry , 1ug/ml, Human, mouse, rat, - Western blot, 2-4ug/ml, Human, mouse, rat

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Anti-p27Kip1 CDKN1B Antibody (Monoclonal, 35C86) (M00173-4) Images



Boster Kit Box

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