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Datasheet

CDKN1B monoclonal antibody, clone RM302

Catalog Number: MAB16928

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human CDKN1B.

Clone Name: RM302

Immunogen: Original antibody is raised against a synthetic peptide corresponding to C-terminus of human CDKN1B.

Antibody Species: Rabbit

Reactivity: Human,Mouse

Applications: IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: This antibody reacts to human p27Kip1 (Cyclin-dependent kinase inhibitor 1B). It may also react to mouse p27Kip1, as predicted by immunogen homology.

Form: Liquid

Purification: Protein A purification

Isotype: IgG

Recommend Usage: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-200)
Western Blot (1:500-1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1027

Gene Symbol: CDKN1B

Gene Alias: CDKN4, KIP1, MEN1B, MEN4, P27KIP1

Gene Summary: This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. [provided by RefSeq]