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[Primary Antibody]

Recombinant Rabbit Anti-CDKN2B Monoclonal Antibody

Catalog Number: SLA0774M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	1C7
SWISS:	P42772
Target:	CDKN2B
Immunogen:	Synthesized peptide derived from human p15 INK (PTR2192)
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	15 kDa
Background:	cyclin dependent kinase inhibitor 2B (CDKN2B) Homo sapiens This gene lies adjacent to the tumor suppressor gene CDKN2A in a region that is frequently mutated and deleted in a wide variety of tumors. This gene encodes a cyclin-dependent kinase inhibitor , which forms a complex with CDK4 or CDK6 , and prevents the activation of the CDK kinases , thus the encoded protein functions as a cell growth regulator that controls cell cycle G1 progression. The expression of this gene was found to be dramatically induced by TGF beta , which suggested its role in the TGF beta induced growth inhibition. Two alternatively spliced transcript variants of this gene , which encode distinct proteins , have been reported. [provided by RefSeq , Jul 2008]

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.