

Nur für Forschungszwecke

P27; KIP1 Monoklonaler Antikörper

Katalog-Nr.: 67355-1-Ig **1 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 67355-1-Ig	GenBank-Zugangsnummer: BC001971	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1600 µg/ml von 1027 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1027	CloneNo.: 3F12C10
Wirt: Maus	Vollständiger Name: cyclin-dependent kinase inhibitor 1B (p27, Kip1)	Empfohlene Verdünnungen: WB 1:5000-1:10000
Isotyp: IgG1	Berechnete Masse: 198 aa, 22 kDa	
Immunogen Katalognummer: AG14634	Beobachtete Masse: 27 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB: Jurkat-Zellen, K-562-Zellen, NIH/3T3-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human	

Hintergrundinformationen

DKN1B, also named as P27 or KIP1, is a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. P27 binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controlling 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. Downregulation of P27 has been implicated in the progression of several malignancies, including lung cancer, hepatocellular carcinoma, salivary cancer, oral squamous cell carcinomas, and gastric cancer.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xin Zhou	34765572	J Hepatocell Carcinoma	WB

Lagerung

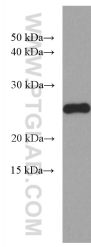
Lagerungsbedingungen:
Bei -20°C lagern.
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:
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Ausgewählte Validierungsdaten



Jurkat cells were subjected to SDS PAGE followed by western blot with 67355-1-Ig (P27; KIP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.