

À des fins de recherche uniquement

Anticorps Monoclonal anti-P27; KIP1



Numéro de catalogue: 67355-1-Ig **1 Publications**

Informations de base

Numéro de catalogue: 67355-1-Ig	Numéro d'acquisition GenBank: BC001971	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1600 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 1027	CloneNo.: 3F12C10
Hôte: Mouse	Nom complet: cyclin-dependent kinase inhibitor 1B (p27, Kip1)	Dilutions recommandées: WB 1:5000-1:10000
Isotype: IgG1	MW calculé: 198 aa, 22 kDa	
Immunogen Catalog Number: AG14634	MW observés: 27 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules Jurkat, cellules HSC-T6, cellules K-562, cellules NIH/3T3
Demandes citées: WB	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: Humain	

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xin Zhou	34765572	J Hepatocell Carcinoma	WB

Stockage

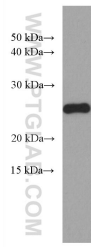
Stockage:
Stocker à -20 °C.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

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Données de validation sélectionnées



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.