

À des fins de recherche uniquement

Anticorps Monoclonal anti-P21

Numéro de catalogue: 60214-1-Ig

Phare

28 Publications



Informations de base

Numéro de catalogue:

60214-1-Ig

Numéro d'acquisition GenBank:

BC000312

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 1407 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

1026

CloneNo.:

5F2F3

Hôte:

Mouse

Nom complet:

cyclin-dependent kinase inhibitor 1A (p21, Cip1)

MW calculé

21 kDa

Isotype:

IgG2b

Immunogen Catalog Number:

AG0308

Applications

Applications testées:

ELISA

Demandes citées:

WB

Spécificité de l'espèce:

singe

Espèces citées:

Humain

Informations générales

CDKN1A (p21, CIP1, WAF1), a cyclin-dependent kinase inhibitor, is necessary for proper control of the cell cycle and premature senescence. P21 is a cyclin-dependent kinase (CDK) inhibitor that suppresses proliferation by inhibiting CDK2 and CDK1 activity at the G1/S and G2/M transitions. P21 is a major mediator of p53 to induce cell cycle arrest in G1. p21 can interact with proliferating cell nuclear antigen (PCNA), and plays a regulatory role in S phase DNA replication and DNA damage repair. P21 was reported to be specifically cleaved by CASP3-like caspases, which thus leads to a dramatic activation of CDK2, and may be instrumental in the execution of apoptosis following caspase activation. Overexpression of p21 decreases the expression levels of cell cycle progression genes and upregulates senescence-inducing genes.

Publications notables

Autrice	Pubmed ID	Journal	Application
Dahu Chen	33240028	Food Nutr Res	WB
Wei Liao	34776939	Front Pharmacol	WB
Rong-Zong Liu	30350349	J Pathol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

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.

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

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