

À des fins de recherche uniquement

Anticorps Monoclonal anti-p21

Numéro de catalogue: 67362-1-Ig **4 Publications**



Informations de base

Numéro de catalogue: 67362-1-Ig	Numéro d'acquisition GenBank: NM_001111099	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 12575	CloneNo.: 3C7D3
Hôte: Mouse	Nom complet: cyclin-dependent kinase inhibitor 1A (P21)	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2b	MW calculé 18 kDa	
Immunogen Catalog Number: AG28394		

Applications

Applications testées: IF, ELISA	Contrôles positifs: IF : cellules NIH/3T3,
Demandes citées: IF	
Spécificité de l'espèce: souris	
Espèces citées: canin, Humain, souris	

Informations générales

CDKN1A (p21, CIP1, WAF1) is a cyclin-dependent kinase inhibitor. CDKN1A binds to and inhibits the activity of cyclin-CDK2 or -CDK4 complexes, and thus functions as a regulator of cell cycle progression at the G1 phase. The expression of CDKN1A is induced by wild-type but not mutant p53 protein, through which CDKN1A mediates the p53-dependent cell cycle G1 phase arrest in response to a variety of stress stimuli. CDKN1A can interact with proliferating cell nuclear antigen (PCNA), and plays a regulatory role in S phase DNA replication and DNA damage repair. CDKN1A 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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaofang Zhu	36174712	Life Sci	WB
Xiaoyu Qi	35837283	Front Pharmacol	WB
Jie-Ru Hong	37416635	Heliyon	IF

Stockage

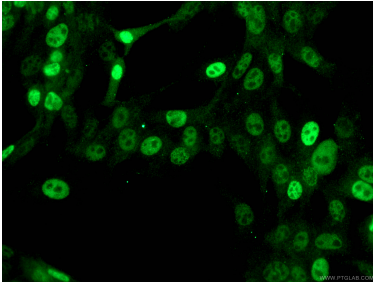
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using 67362-1-Ig (p21 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).