

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-P21



Numéro de catalogue: **CL488-10355** **Phare**

Informations de base

| | | |
|---|--|---|
| Numéro de catalogue: CL488-10355 | Numéro d'acquisition GenBank: BC000275 | Méthode de purification: Purification par affinité contre l'antigène |
| Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop; | Identification du gène (NCBI): 1026 | Dilutions recommandées: IF 1:50-1:500 |
| Hôte: Lapin | Nom complet: cyclin-dependent kinase inhibitor 1A (p21, Cip1) | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Isotype: IgG | MW calculé: 21 kDa | |
| Immunogen Catalog Number: AG0368 | MW observés: 21 kDa | |

Applications

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|---|---|
| Applications testées: FC (Intra), IF | Contrôles positifs: IF : cellules MCF-7, |
| Spécificité de l'espèce: Humain | |

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. Two alternatively spliced variants, which encode an identical protein, have been reported.

Stockage

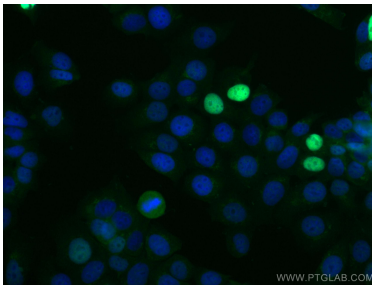
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

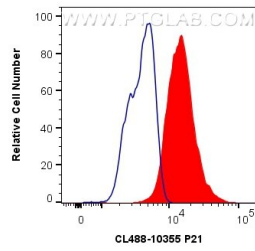
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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 MCF-7 cells using CoraLite® Plus 488 P21 antibody (CL488-10355) at dilution of 1:100.



1×10^6 MCF-7 cells were intracellularly stained with 0.8 μ g CoraLite® Plus 488 Anti-Human P21 (CL488-10355) (red), or 0.8 μ g Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).