

À des fins de recherche uniquement

Anticorps Monoclonal anti-Phospho-P53 (Ser46)



Numéro de catalogue: CL488-67900

Informations de base

Numéro de catalogue: CL488-67900	Numéro d'acquisition GenBank: BC003596	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 7157	CloneNo.: 1D10A12
Hôte: Mouse	Nom complet: tumor protein p53	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	MW calculé 44 kDa	
	MW observés: 53 kDa	

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain

Informations générales

P53 is a 53 kDa protein that is activated in response to alteration of normal cell homeostasis, including DNA damage, nutrient starvation, heat shock, virus infection, pH change, hypoxia, and oncogene activation. P53 maintains genetic stability by regulating different processes, such as cell-cycle arrest, DNA synthesis and repair, programmed cell death, and energy metabolism. In non-stressed conditions these proteins bind p53, ubiquitylate it and target it for degradation by the proteasome. In stressed conditions the function of the Mdm2-Mdm4 complex is blocked by phosphorylation, protein-binding events and/or enhanced degradation. (PMID: 19935675, PMID: 24379683)

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.

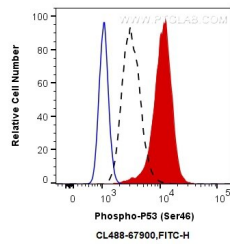
For technical support and original validation data for this product please contact:

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

Données de validation sélectionnées



1X10⁶ HT-29 cells untreated (dashed lines) or treated with UV (red) were intracellularly stained with 0.25 ug CoraLite® Plus 488 Anti-Human Phospho-P53 (Ser46) (CL488-67900, Clone:1D10A12), or 0.25 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.