

À des fins de recherche uniquement

# Anticorps Recombinant de lapin anti-Phospho-P53 (Ser15)



Numéro de catalogue: **CL594-80195**

## Informations de base

Numéro de catalogue: CL594-80195	Numéro d'acquisition GenBank: BC003596	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 7157	CloneNo.: 2J21
Hôte: Lapin	Nom complet: tumor protein p53	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG	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.

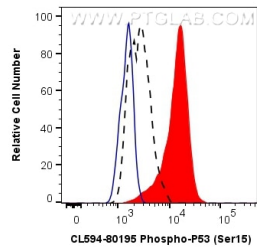
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

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

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## Données de validation sélectionnées



1X10<sup>6</sup> A431 cells untreated (dashed line) or UV treated A431 cells (red) were intracellularly stained with 0.5 ug CoraLite®594 Anti-Human Phospho-P53 (Ser15) (CL594-80195, Clone:2J21), or 0.5 ug Control Antibody (Blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.