

Nur für Forschungszwecke

Phospho-P53 (Ser46) Monoklonaler Antikörper



Katalog-Nr.:CL488-67900

Allgemeine Informationen

Katalog-Nr.: CL488-67900	GenBank-Zugangsnummer: BC003596	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von7157	GeneID (NCBI): von7157	CloneNo.: 1D10A12
Nanodrop;	Vollständiger Name: tumor protein p53	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Wirt: Maus	Berechnete Masse: 44 kDa	
Isotyp: IgG1	Beobachtete Masse: 53 kDa	

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

Getestete Reaktivität:
Human

Hintergrundinformationen

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)

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

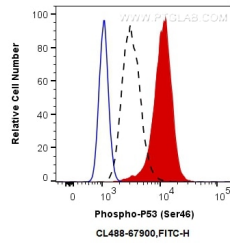
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% 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.

Ausgewählte Validierungsdaten



1×10^6 HT-29 cells untreated (dashed lines) or treated with UV (red) were intracellularly stained with 0.25 μ g CoraLite® Plus 488 Anti-Human Phospho-P53 (Ser46) (CL488-67900, Clone:1D10A12), or 0.25 μ g Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.