

Nur für Forschungszwecke

Phospho-P53 (Ser15) Monoklonaler Antikörper



Katalog-Nr.: 67826-1-Ig **2 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 67826-1-Ig	GenBank-Zugangsnummer: BC003596	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von 7157 Nanodrop und 471 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 7157	CloneNo.: 1H6G1
Wirt: Maus	Vollständiger Name: tumor protein p53	Empfohlene Verdünnungen: WB 1:1000-1:6000
Isotyp: IgG1	Berechnete Masse: 44 kDa	
	Beobachtete Masse: 53 kDa	

Anwendungen

Geprüfte Anwendungen: FC, WB, ELISA	Positivkontrollen: WB : mit Calyculin A behandelte HT-29-Zellen, HEK-293T-Zellen, HEK-293T-Zellen, HT-29-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human	

Hintergrundinformationen

TP53, also known as P53 and NY-CO-13, belongs to the p53 family and has 9 isoforms. In SDS-Page, the observed molecular weight is about 53 kDa. TP53 acts as a tumor suppressor in many tumor types, including growth arrest or apoptosis depending on the physiological circumstances and cell types. It is involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. TP53 Localizes in the nucleus in most cells but found in the cytoplasm in some cells. (PMID: 26166714; PMID: 25225161)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ting Wang	33927626	Front Pharmacol	WB
Xiaoran Guan	36739041	Toxicol Lett	WB

Lagerung

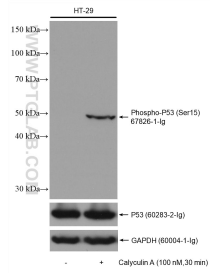
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

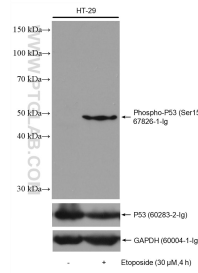
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

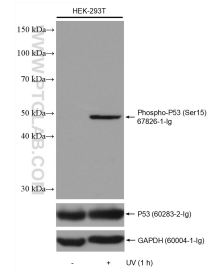
Ausgewählte Validierungsdaten



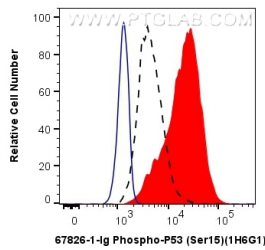
Non-treated and Calyculin A treated HT-29 cells were subjected to SDS PAGE followed by western blot with 67826-1-ig (Phospho-P53 (Ser15) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with GAPDH and P53 antibody subsequently.



Non-treated and Etoposide treated HT-29 cells were subjected to SDS PAGE followed by western blot with 67826-1-ig (Phospho-P53 (Ser15) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with GAPDH and P53 antibody subsequently.



Non-treated and UV treated HEK-293T cells were subjected to SDS PAGE followed by western blot with 67826-1-ig (Phospho-P53 (Ser15) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with GAPDH and P53 antibody subsequently.



1X10⁶ HT-29 cells untreated (dashed line) or treated with UV (red) were intracellularly stained with 0.13 µg Anti-Human Phospho-P53 (Ser15) (67826-1-ig, Clone:1H6G1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000, or 0.13 µg Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.