

Nur für Forschungszwecke

Phospho-P53 (Ser15) Polyklonaler Antikörper



Katalog-Nr.: 28961-1-AP

15 Publikationen

Allgemeine Informationen

Katalog-Nr.: 28961-1-AP	GenBank-Zugangsnummer: BC003596	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 200 µg/ml von Nanodrop;	GeneID (NCBI): 7157	Empfohlene Verdünnungen: WB 1:1000-1:4000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: tumor protein p53	
Isotyp: IgG	Berechnete Masse: 44 kDa	
	Beobachtete Masse: 53 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB : mit Etoposid behandelte HT-29-Zellen, IF : HT-29-Zellen, mit Etoposid behandelte HT-29-Zellen
In Publikationen genannte Anwendungen: IF, WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human, Maus	

Hintergrundinformationen

The p53 tumor suppressor protein plays a major role in cellular response to DNA damage and other genomic aberrations. Activation of p53 can lead to either cell cycle arrest and DNA repair or apoptosis. DNA damage induces phosphorylation of p53 at Ser15 and Ser20 and leads to a reduced interaction between p53 and its negative regulator, the oncoprotein MDM2. p53 can be phosphorylated by ATM, ATR, and DNA-PK at Ser15 and Ser37. Phosphorylation impairs the ability of MDM2 to bind p53, promoting both the accumulation and activation of p53 in response to DNA damage.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Tina Aumer	36089606	Clin Epigenetics	WB
Chieh-Hsin Chen	34708319	Apoptosis	WB
Mengqi Cui	34602553	Biol Pharm Bull	WB

Lagerung

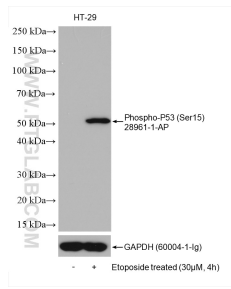
Lagerungsbedingungen:
Bei -20°C lagern.
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

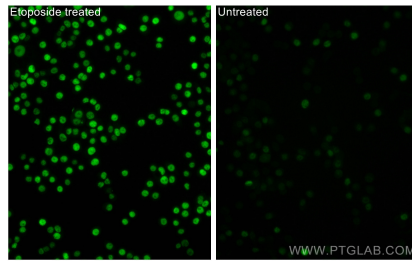
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Non-treated HT-29 and etoposide treated HT-29 cells were subjected to SDS PAGE followed by western blot with 28961-1-AP (Phospho-P53(Ser15) antibody) at dilution of 1:2000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.



Immunofluorescent analysis of (4% PFA) fixed non-treated HT-29 and etoposide treated HT-29 cells using Phospho-P53 (Ser15) antibody (28961-1-AP) at dilution of 1:100 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).