

Nur für Forschungszwecke

# P53 Rekombinanter Antikörper

Katalog-Nr.:80077-1-RR

Vorgestelltes Produkt

1 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 80077-1-RR	<b>GenBank-Zugangsnummer:</b> BC003596	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 7157	<b>CloneNo.:</b> 2H13
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> tumor protein p53	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000 IF 1:50-1:500
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 44 kDa	
	<b>Beobachtete Masse:</b> 53 kDa	

## Anwendungen

### Geprüfte Anwendungen:

FC, IF, WB, ELISA

### In Publikationen genannte Anwendungen:

IF, WB

### Getestete Reaktivität:

Human, Maus, Ratte, Zebrafisch

### Zitierte Arten:

Maus

### Positivkontrollen:

**WB :** MCF-7-Zellen, A431-Zellen, ATDC-5-Zellen, COLO 320-Zellen, HCT 116-Zellen, HT-29-Zellen, MDA-MB-231-Zellen, Neuro-2a-Zellen, ROS1728-Zellen, SW480-Zellen, Zebrafischgewebe

**IF :** HepG2-Zellen,

## 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
Shucheng Lin	37060393	Neurotox Res	WB,IF

## 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**

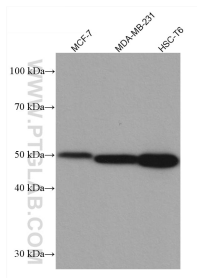
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

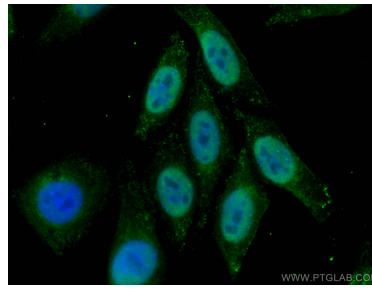
E: proteintech@ptglab.com  
W: ptglab.com

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

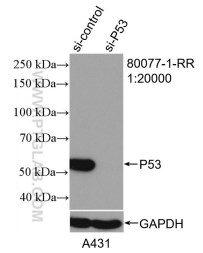
## Ausgewählte Validierungsdaten



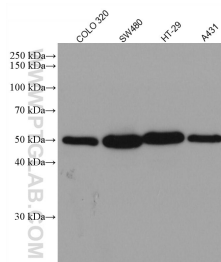
Various lysates were subjected to SDS PAGE followed by western blot with 80077-1-RR (P53 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



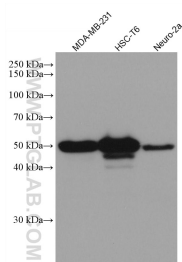
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using P53 antibody (80077-1-RR, Clone: 2H13) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



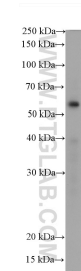
WB result of P53 antibody (80077-1-RR; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-P53 transfected A431 cells.



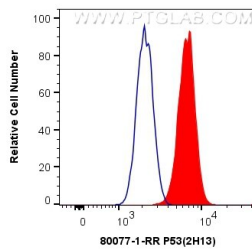
Various lysates were subjected to SDS PAGE followed by western blot with 80077-1-RR (P53 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 80077-1-RR (P53 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



zebrafish tissue were subjected to SDS PAGE followed by western blot with 80077-1-RR (P53 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HepG2 cells were intracellularly stained with 0.5  $\mu$ g Anti-Human P53 (80077-1-RR, Clone:2H13) (red) labeled with FlexAble CoraLite®488 Antibody Labeling Kit for Rabbit IgG (KFA001), or 0.5  $\mu$ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).