

À des fins de recherche uniquement

# Anticorps Monoclonal anti-P53

Numéro de catalogue: 60283-2-Ig

Phare

149 Publications



## Informations de base

Numéro de catalogue: 60283-2-Ig	Numéro d'acquisition GenBank: BC003596	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 7157	CloneNo.: 6C4B6
Hôte: Mouse	Nom complet: tumor protein p53	Dilutions recommandées: WB 1:5000-1:20000 IHC 1:1600-1:6400 IF 1:200-1:800
Isotype: IgG2b	MW calculé 44 kDa	
Immunogen Catalog Number: AG0698	MW observés: 53 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

CoIP, IF, IHC, IP, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

canin, Humain, Lapin, poisson-zèbre, porc, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules Neuro-2a, cellules A375, cellules A431, cellules COLO 320, cellules HaCaT, cellules HEK-293, cellules HSC-T6, cellules HT-29, cellules ROS1728, cellules Sp2/0

IHC : tissu de cancer du côlon humain, tissu d'amygdalite humain, tissu de cancer de l'estomac humain, tissu de cancer du poumon humain, tissu de cancer du sein humain, tissu de gliome humain, tissu de tumeur ovarienne humain

IF : cellules A431,

## Informations générales

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)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jie Liu	36238648	Oxid Med Cell Longev	WB
Xiaofang Zhu	36174712	Life Sci	WB
Yingjie Qing	34603598	Oxid Med Cell Longev	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

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

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

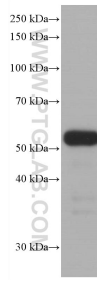
For technical support and original validation data for this product please contact:

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

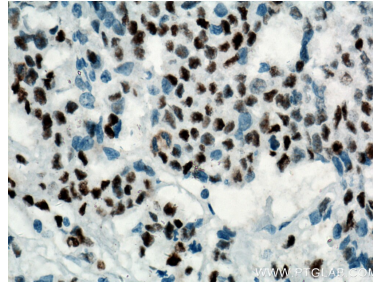
E: proteintech@ptglab.com  
W: ptglab.com

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

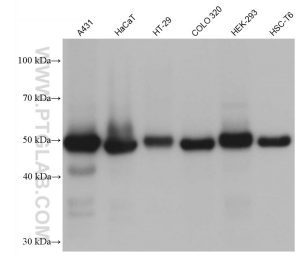
## Données de validation sélectionnées



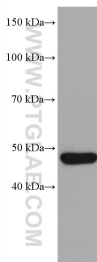
A431 cells were subjected to SDS PAGE followed by western blot with 60283-2-Ig (P53 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



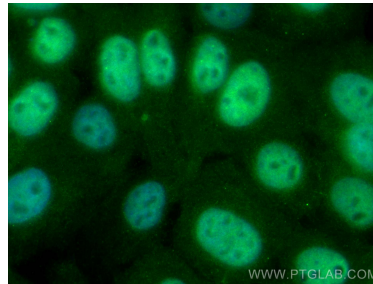
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 60283-2-Ig (P53 antibody) at dilution of 1:3200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 60283-2-Ig (P53 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Neuro-2a cells were subjected to SDS PAGE followed by western blot with 60283-2-Ig (P53 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using P53 antibody (60283-2-Ig, Clone: 6C4B6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).