

Allgemeine Informationen

Katalog-Nr.: 60283-2-Ig	GenBank-Zugangsnummer: BC003596	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von7157 Nanodrop;	GeneID (NCBI): 7157	CloneNo.: 6C4B6
Wirt: Maus	Vollständiger Name: tumor protein p53	Empfohlene Verdünnungen: WB 1:5000-1:20000 IHC 1:1600-1:6400 IF 1:200-1:800
Isotyp: IgG2b	Berechnete Masse: 44 kDa	
Immunogen Katalognummer: AG0698	Beobachtete Masse: 53 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Hund, Kaninchen, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

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

IHC: humanes Kolonkarzinomgewebe, humanes Gliomgewebe, humanes Lungenkarzinomgewebe, humanes Magenkrebsgewebe, humanes Mammakarzinomgewebe, humanes Ovarialkarzinomgewebe, humanes Tonsillitisgewebe

IF: A431-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
Jie Liu	36238648	Oxid Med Cell Longev	WB
Xiaofang Zhu	36174712	Life Sci	WB
Yingjie Qing	34603598	Oxid Med Cell Longev	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**

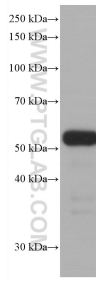
For technical support and original validation data for this product please contact:

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

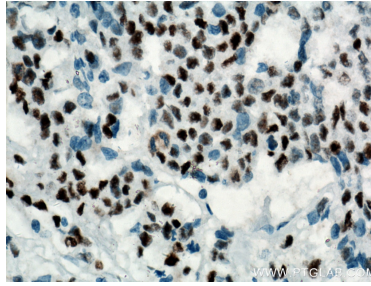
E: proteintech@ptglab.com
W: ptglab.com

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

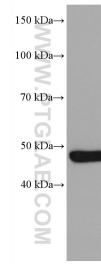
Ausgewählte Validierungsdaten



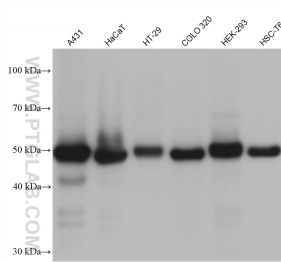
A431 cells were subjected to SDS PAGE followed by western blot with 60283-2-Ig (P53 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



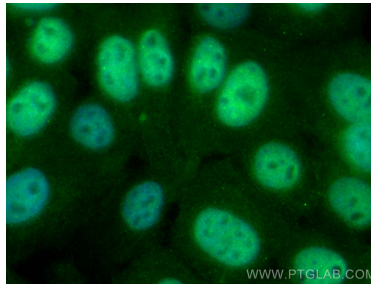
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 60283-2-Ig (P53 antibody) at dilution of 1:3200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.



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.



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).