

Allgemeine Informationen

Katalog-Nr.:

12587-1-AP

Größe:

150ul , Konzentration: 900 µg/ml von Nanodrop und 600 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG3288

GenBank-Zugangsnummer:

BC026104

GeneID (NCBI):

27250

Vollständiger Name:

programmed cell death 4 (neoplastic transformation inhibitor)

Berechnete Masse:

469 aa, 52 kDa

Beobachtete Masse:

54-64 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:4000

IP 0.5-4.0 µg für IP und 1:1000-1:6000 für WB

IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

FC, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, 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 : BxPC-3-Zellen, HEK-293-Zellen, HeLa-Zellen, MCF-7-Zellen

IP : HeLa-Zellen,

IHC : humanes Mammakarzinomgewebe,

Hintergrundinformationen

Programmed cell death 4 (Pcd4) is a novel tumor suppressor that inhibits translation, progression and invasion. It was first identified as being differentially upregulated during apoptosis. Pcd4 interferes with the activity of the eukaryotic initiation factor (eIF) 4A by displacing the scaffold protein eIF4G from its binding to the RNA helicase eIF4A. The calculated molecular weight of unmodified PDCD4 protein is 52 kDa, but the modified protein is about 54-64 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Dong Fan	33101486	Oncol Lett	WB
Anyu Alayev	25336146	J Cell Biochem	WB
Jianhua Xue	34786071	Am J Transl Res	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**

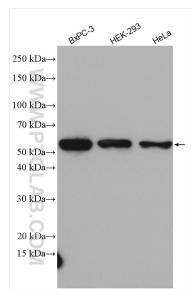
For technical support and original validation data for this product please contact:

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

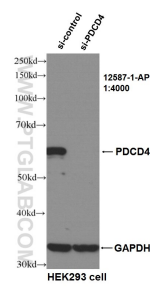
E: proteintech@ptglab.com
W: ptglab.com

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

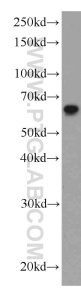
Ausgewählte Validierungsdaten



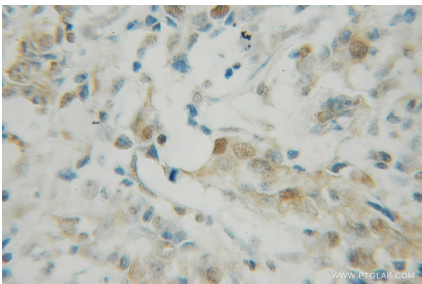
Various lysates were subjected to SDS PAGE followed by western blot with 12587-1-AP (PDCD4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



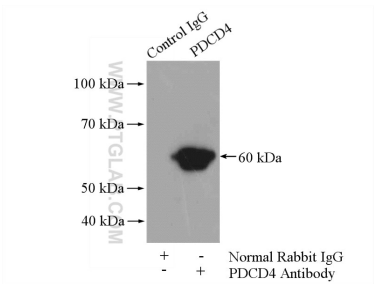
WB result of PDCD4 antibody (12587-1-AP, 1:4000) with si-control and si-PDCD4 transfected HEK293 cells.



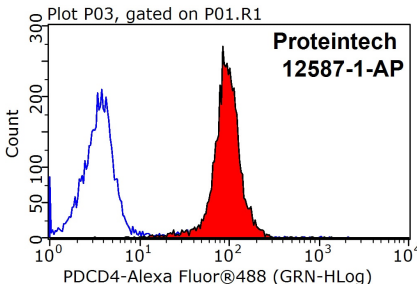
HeLa cells were subjected to SDS PAGE followed by western blot with 12587-1-AP (PDCD4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 12587-1-AP (PDCD4 antibody) at dilution of 1:50 (under 10x lens).



IP Result of anti-PDCD4 (IP:12587-1-AP, 4ug; Detection:12587-1-AP 1:3000) with HeLa cells lysate 4000ug.



1X10⁶ MCF-7 cells were stained with 0.2ug PDCD4 antibody (12587-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.