

Nur für Forschungszwecke

USP5 Monoklonaler Antikörper

Katalog-Nr.: 66213-1-Ig

Vorgestelltes Produkt

2 Publikationen



Allgemeine Informationen

Katalog-Nr.:

66213-1-Ig

Größe:

150ul, Konzentration: 1500 µg/ml von 8078

Nanodrop und 907 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG2a

Immunogen Katalognummer:

AG7575

GenBank-Zugangsnummer:

BC005139

GeneID (NCBI):

8078

Vollständiger Name:

ubiquitin specific peptidase 5 (isopeptidase T)

Berechnete Masse:

96 kDa

Beobachtete Masse:

95-105 kDa

Reinigungsmethode:

Protein-A-Reinigung

CloneNo.:

3F12C10

Empfohlene Verdünnungen:

WB 1:2000-1:10000

IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

IF, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Ratte

Positivkontrollen:

WB: U2OS-Zellen, A549-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, LNCaP-Zellen, NIH/3T3-Zellen

IF: A549-Zellen,

Hintergrundinformationen

USP5, also named as ISOT, belongs to the peptidase C19 family. Knock-down of USP5 causes the accumulation of TP53/p53 and an increase in TP53/p53 transcriptional activity because the unanchored polyubiquitin that accumulates is able to compete with ubiquitinated TP53/p53 but not with MDM2 for proteasomal recognition. USP5 is a potential target for p53 activating therapeutic agents for the treatment of cancer (PMID: 19098288). It is a novel proteasome associated protein (PMID: 19182904). USP5 cleaves linear and branched multiubiquitin polymers with a marked preference for branched polymers.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Katrin Juenemann	29362455	Sci Rep	WB
Xiangling Xiao	37208329	Nat Commun	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

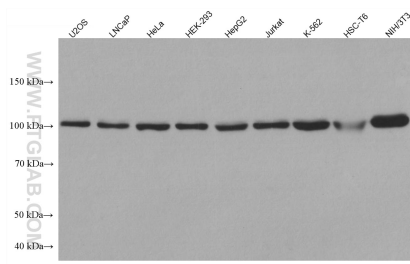
For technical support and original validation data for this product please contact:

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

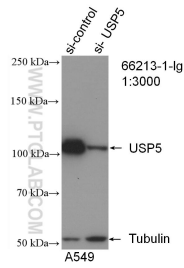
E: proteintech@ptglab.com
W: ptglab.com

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

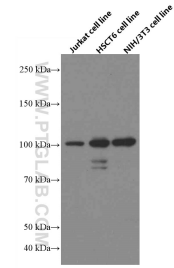
Ausgewählte Validierungsdaten



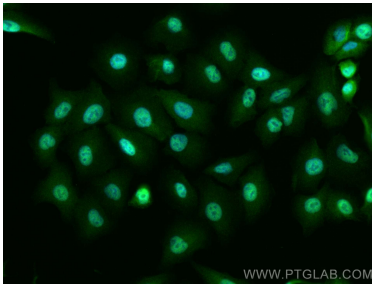
Various lysates were subjected to SDS PAGE followed by western blot with 66213-1-Ig (USP5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of USP5 antibody (66213-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP5 transfected A549 cells.



Jurkat cells were subjected to SDS PAGE followed by western blot with 66213-1-Ig (USP5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using USP5 antibody (66213-1-Ig, Clone: 3F12C10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).