

À des fins de recherche uniquement

Anticorps Monoclonal anti-USP5

Numéro de catalogue: 66213-1-Ig

Phare

2 Publications



Informations de base

| | | |
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| Numéro de catalogue: 66213-1-Ig | Numéro d'acquisition GenBank: BC005139 | Méthode de purification: Purification par protéine A |
| Taille: 150ul, Concentration: 1500 µg/ml by Nanodrop and 907 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 8078 | CloneNo.: 3F12C10 |
| Hôte: Mouse | Nom complet: ubiquitin specific peptidase 5 (isopeptidase T) | Dilutions recommandées: WB 1:2000-1:10000 IF 1:200-1:800 |
| Isotype: IgG2a | MW calculé: 96 kDa | |
| Immunogen Catalog Number: AG7575 | MW observés: 95-105 kDa | |

Applications

Applications testées:

IF, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat

Contrôles positifs:

WB : cellules U2OS, cellules A549, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules LNCaP, cellules NIH/3T3

IF : cellules A549,

Informations générales

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.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|------------------|-----------|------------|-------------|
| Katrin Juenemann | 29362455 | Sci Rep | WB |
| Xiangling Xiao | 37208329 | Nat Commun | IF |

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.

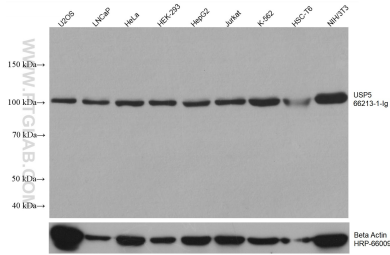
For technical support and original validation data for this product please contact:

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

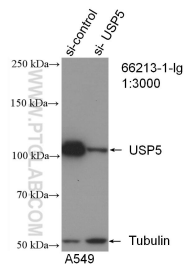
E: proteintech@ptglab.com
W: ptglab.com

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

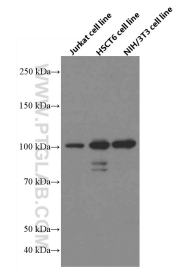
Données de validation sélectionnées



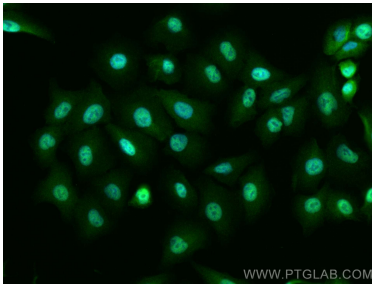
Various lysates were subjected to SDS PAGE followed by western blot with 66213-1-Ig (USP5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



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).