

À des fins de recherche uniquement

Anticorps Monoclonal anti-USP4

Numéro de catalogue: 66822-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66822-1-Ig	Numéro d'acquisition GenBank: BC125131	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7375	CloneNo.: 1G11G8
Hôte: Mouse	Nom complet: ubiquitin specific peptidase 4 (proto-oncogene)	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:100-1:300 IF 1:50-1:500
Isotype: IgG2b	MW calculé: 963 aa, 109 kDa	
Immunogen Catalog Number: AG28297	MW observés: 109 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, IP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain

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

Contrôles positifs:

WB : cellules Jurkat, cellules HEK-293, cellules NCI-H1299, cellules RAW 264.7

IHC : tissu de cancer du sein humain,

IF : tissu de cancer du sein humain, tissu de cancer du foie humain

Informations générales

USP4, also named as UNP and UNPH, belongs to the peptidase C19 family and USP4 subfamily. USP4 is a deubiquitinating enzyme that links to mitogen-activated protein kinase signaling, pre-mRNA splicing, and control of p53 stability (PMID: 26455393). USP4 has 3 isoforms with the molecular mass of 36, 104 and 109 kDa. Recently, it has been reported that USP4 is a critical factor in promoting lung cancer stemness and potentially useful lung cancer prognosis marker (PMID: 32549341).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yuanyuan Chen	37624791	PLoS One	WB,IF,IP

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.

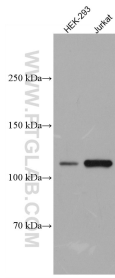
For technical support and original validation data for this product please contact:

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

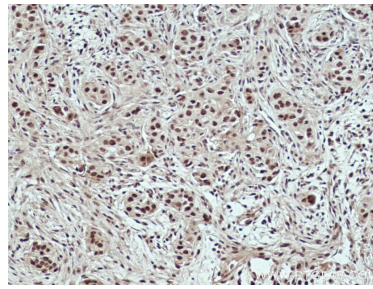
E: proteintech@ptglab.com
W: ptglab.com

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

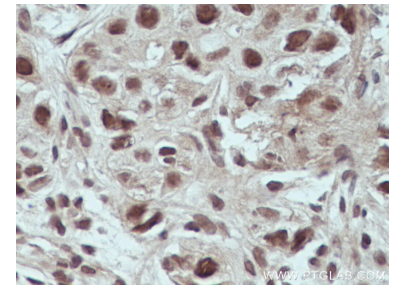
Données de validation sélectionnées



HEK-293 cells and Jurkat cells were subjected to SDS PAGE followed by western blot with 66822-1-Ig (USP4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



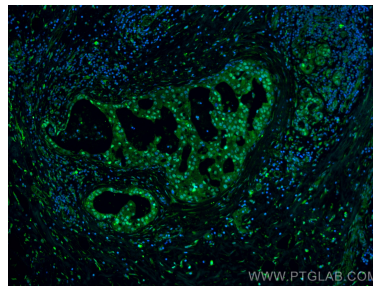
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66822-1-Ig (USP4 antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66822-1-Ig (USP4 antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ THP-1 cells were intracellularly stained with 0.4 ug Anti-Human USP4 (66822-1-Ig, Clone:1G11G8) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b isotype control Mouse McAb (66360-3-Ig, Clone: 11B8C4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using USP4 antibody (66822-1-Ig, Clone: 1G11G8) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).