

Allgemeine Informationen

Katalog-Nr.: 66822-1-Ig	GenBank-Zugangsnummer: BC125131	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1500 µg/ml von7375 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 150000000	CloneNo.: 1G11G8
Wirt: Maus	Vollständiger Name: ubiquitin specific peptidase 4 (proto- oncogene)	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:100-1:300 IF 1:50-1:500
Isotyp: IgG2b	Berechnete Masse: 963 aa, 109 kDa	
Immunogen Katalognummer: AG28297	Beobachtete Masse: 109 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB,ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus	WB : Jurkat-Zellen, HEK-293-Zellen, NCI-H1299-Zellen, RAW 264.7-Zellen
Hinweis-IHC: Antigenmaskierung mit TE- Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC : humanes Mammakarzinomgewebe, IF : humanes Mammakarzinomgewebe, humanes Leberkarzinomgewebe

Hintergrundinformationen

USP4, also named as UNP and UNPH, belongs to the peptidase C19 family and USP4 subfamily. USP4 is a Deubiquitinating enzymes 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).

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**

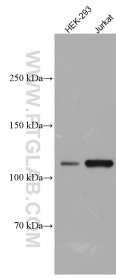
For technical support and original validation data for this product please contact:

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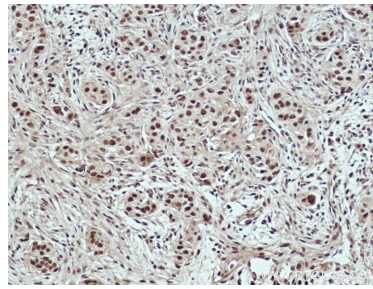
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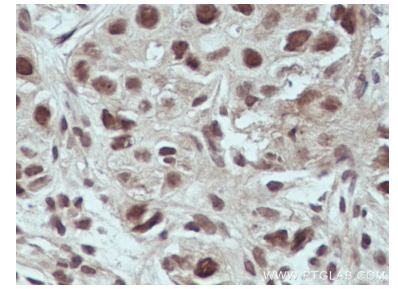
Ausgewählte Validierungsdaten



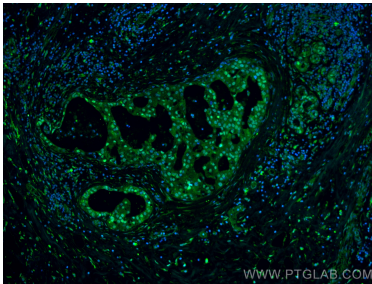
HEK-293 cells and Jurkat cells were subjected to SDS PAGE followed by western blot with 66822-1-Ig (USP4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).



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).