

Nur für Forschungszwecke

USP1 Monoklonaler Antikörper

Katalog-Nr.:66069-1-Ig

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.:

66069-1-Ig

Größe:

150ul , Konzentration: 1600 µg/ml von7398

Nanodrop und 1367 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG2a

Immunogen Katalognummer:

AG5904

GenBank-Zugangsnummer:

BC050525

GeneID (NCBI):

7398

Vollständiger Name:

ubiquitin specific peptidase 1

Berechnete Masse:

88 kDa

Beobachtete Masse:

100 kDa

Reinigungsmethode:

Protein-A-Reinigung

CloneNo.:

1C10H6

Empfohlene Verdünnungen:

WB 1:1000-1:4000

IHC 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HepG2-Zellen, HeLa-Zellen

IHC : humanes Zervixkarzinomgewebe,

Hintergrundinformationen

USP1(Ubiquitin carboxyl-terminal hydrolase 1) is a negative regulator of DNA damage repair which specifically deubiquitinates monoubiquitinated FANCD2.It is Also involved in PCNA-mediated translesion synthesis (TLS) by deubiquitinating monoubiquitinated PCNA.This protein, which consists of 785 amino acids with a deduced molecular mass of 88.2 kDa, possesses His and Cys domains that are highly conserved in all members of the ubiquitin-specific processing (UBP) family of proteases(PMID:9806842). The USP1 enzyme can undergo autocleavage, resulting in a 100 kDa N-terminal fragment and a 14 kDa C-terminal fragment(PMID:18082604).

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

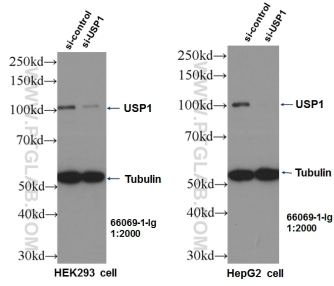
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

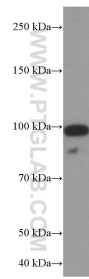
E: proteintech@ptglab.com
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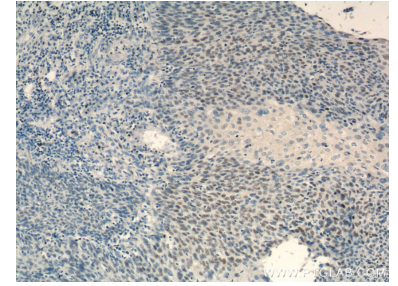
Ausgewählte Validierungsdaten



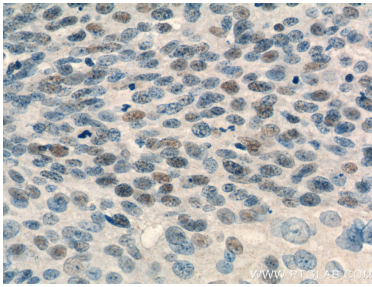
WB result of USP1 antibody (66069-1-Ig, 1:2000) with si-Control and si-USP1 transfected HepG2 & HEK293 cells.



HepG2 cells were subjected to SDS PAGE followed by western blot with 66069-1-Ig (USP1 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 66069-1-Ig (USP1 Antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 66069-1-Ig (USP1 Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).