

Nur für Forschungszwecke

ubiquitin Monoklonaler Antikörper

Katalog-Nr.:60310-1-Ig **3 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 60310-1-Ig	GenBank-Zugangsnummer: BC000379	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 647 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 7314	CloneNo.: 1D7B2
Wirt: Maus	Vollständiger Name: ubiquitin B	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:10-1:100
Isotyp: IgG1	Berechnete Masse: 26 kDa	
Immunogen Katalognummer: AG0260	Beobachtete Masse: 25 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : HeLa-Zellen,
In Publikationen genannte Anwendungen: WB	IHC : humanes Ovarialkarzinomgewebe, humanes Mammakarzinomgewebe, humanes Pankreasgewebe
Getestete Reaktivität: Human	IF : HeLa-Zellen,
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Ubiquitin B (UBB) is a member of ubiquitin family, one of the most conserved proteins known. Ubiquitin B is required for ATP-dependent, non-lysosomal intracellular protein degradation of abnormal proteins and normal proteins with a rapid turnover. Ubiquitin B is covalently bound to proteins to be degraded, and presumably labels these proteins for degradation. Ubiquitin also binds to histone H2A in actively transcribed regions but does not cause histone H2A degradation, suggesting that ubiquitin is also involved in regulation of gene expression. When polyubiquitin is free (unanchored-polyubiquitin), it also has distinct roles, such as in activation of protein kinases, and in signaling. This gene consists of three direct repeats of the ubiquitin coding sequence with no spacer sequence. Consequently, the protein is expressed as a polyubiquitin precursor with a final amino acid after the last repeat. Aberrant form of this protein has been noticed in patients with Alzheimer's and Down syndrome. Interestingly ubiquitin also becomes covalently bonded to many types of pathological inclusions which appear to be resistant to normal degradation.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jens O. Watzlawik	33112198	Autophagy	WB
Kai Zhang	34715254	Cancer Lett	
G Bertolin	25591737	Cell Death Differ	WB

Lagerung

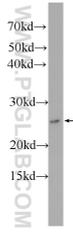
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

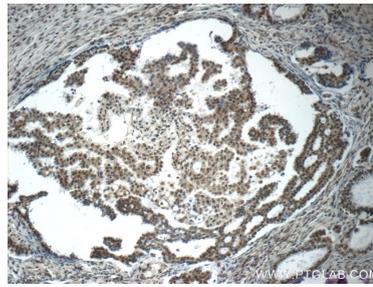
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

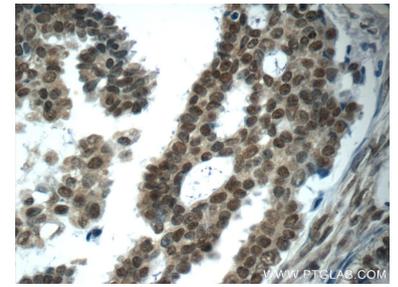
Ausgewählte Validierungsdaten



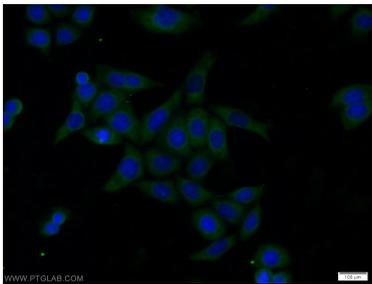
HeLa cells were subjected to SDS PAGE followed by western blot with 60310-1-Ig (ubiquitin Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60310-1-Ig (ubiquitin Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60310-1-Ig (ubiquitin Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 60310-1-Ig (ubiquitin antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).