

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ubiquitin



Numéro de catalogue: **CL488-10201**

Informations de base

Numéro de catalogue: CL488-10201	Numéro d'acquisition GenBank: BC000379	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 7314	Dilutions recommandées: IF 1:50-1:500
Hôte: Lapin	Nom complet: ubiquitin B	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	MW calculé 26 kDa	
Immunogen Catalog Number: AG0260		

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : tissu de cancer du pancréas humain,
Spécificité de l'espèce: Humain, rat, souris	

Informations générales

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.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

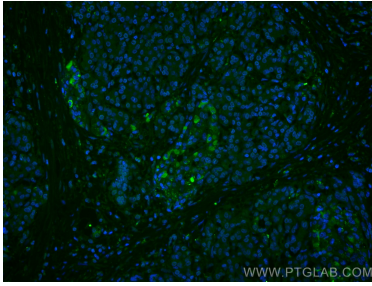
For technical support and original validation data for this product please contact:

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

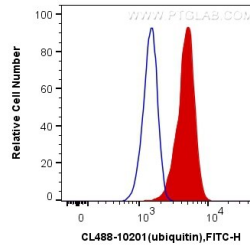
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed human pancreas cancer tissue using CoraLite® Plus 488 ubiquitin antibody (CL488-10201) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human ubiquitin (CL488-10201) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).