

For Research Use Only

CoraLite® Plus 555-conjugated USP14 Polyclonal antibody



Catalog Number: CL555-14517

Featured Product

Basic Information

Catalog Number: CL555-14517	GenBank Accession Number: BC003556	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9097	Excitation/Emission maxima wavelengths: 554 nm / 570 nm
Source: Rabbit	Full Name: ubiquitin specific peptidase 14 (tRNA- guanine transglycosylase)	
Isotype: IgG	Calculated MW: 54 kDa	
Immunogen Catalog Number: AG5979	Observed MW: 52-60 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

USP14 (Ubiquitin carboxyl-terminal hydrolase 14) is also named as TGT and belongs to the peptidase C19 family. Mammalian USP14 is unique among known UBP enzymes in that it is activated catalytically upon specific association with the 26S proteasome. USP14 inhibition accelerated the degradation of oxidized proteins and enhanced resistance to oxidative stress. This protein has a 45-kDa catalytic domain (PMID:16211010).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

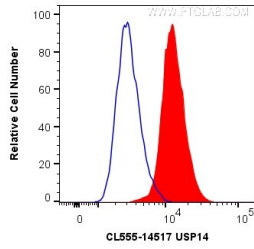
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 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)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 555 Anti-Human USP14 (CL555-14517) (red), or 0.2 ug CoraLite® Plus 555 Rabbit IgG Control Antibody (CL555-30000) (Blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).