

For Research Use Only

# CoraLite® Plus 750-conjugated USP14 Recombinant antibody

Catalog Number: CL750-82128

Featured Product



## Basic Information

Catalog Number:

CL750-82128

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5979

GenBank Accession Number:

BC003556

GeneID (NCBI):

9097

UNIPROT ID:

P54578

Full Name:

ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)

Calculated MW:

54 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

3G12

Recommended Dilutions:

WB 1:2000-1:16000

Excitation/Emission maxima

wavelengths:

755 nm / 780 nm

## Applications

Tested Applications:

WB, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, NIH/3T3 cells, C6 cells

## 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.

## 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

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

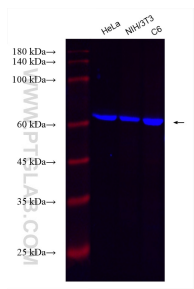
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

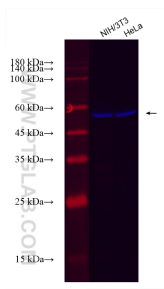
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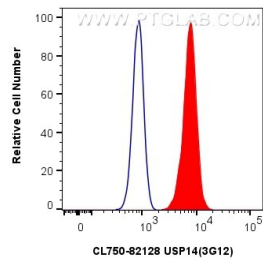
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-82128 (USP14 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with CL750-82128 (USP14 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 750-conjugated USP14 Recombinant antibody (CL750-82128, Clone:3G12) (red), or 0.4 ug Isotype Control (CL750-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).