

For Research Use Only

CoraLite® Plus 488-conjugated USP14 Monoclonal antibody



Catalog Number: CL488-67746

Basic Information

Catalog Number:

CL488-67746

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6312

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 G purification

CloneNo.:

3B12G3

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Mouse, Rat

Positive Controls:

IF : HepG2 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.

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:

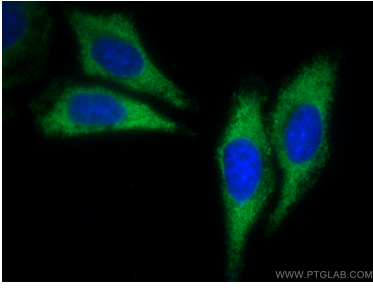
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 USP14 antibody (CL488-67746, Clone: 3B12G3) at dilution of 1:200.