

For Research Use Only

USP8 Recombinant antibody

Catalog Number: 83172-2-RR



Basic Information

Catalog Number:

83172-2-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27143

GenBank Accession Number:

BC110590

GeneID (NCBI):

9101

UNIPROT ID:

P40818

Full Name:

ubiquitin specific peptidase 8

Calculated MW:

1118 aa, 128 kDa

Purification Method:

Protein A purification

CloneNo.:

240016D3

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:125-1:500

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : HCT 116 cells, K-562 cells, A549 cells, HepG2 cells, HEK-293 cells, HeLa cells, MCF-7 cells

IF/ICC : U2OS cells, HeLa cells

Background Information

USP8 is thought to regulate the morphology of the endosome by ubiquitination of proteins on this organelle and is involved in cargo sorting and membrane trafficking at the early endosome stage.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

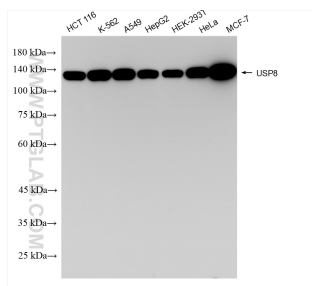
T: 4006900926

E: Proteintech-CN@ptglab.com

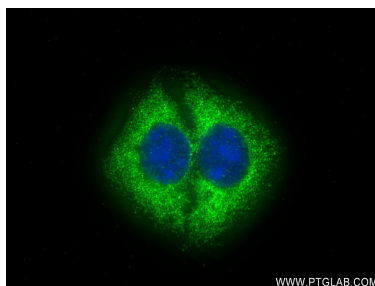
W: ptgcn.com

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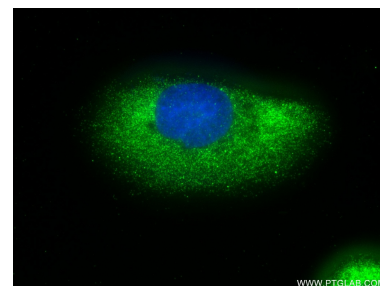
Selected Validation Data



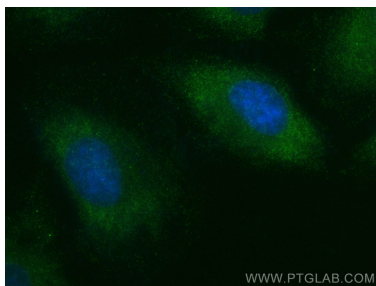
Various lysates were subjected to SDS PAGE followed by western blot with 83172-2-RR (USP8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



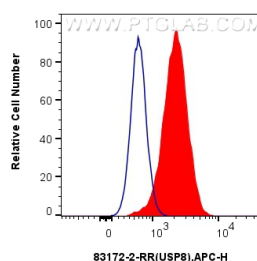
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using USP8 antibody (83172-2-RR, Clone: 240016D3) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



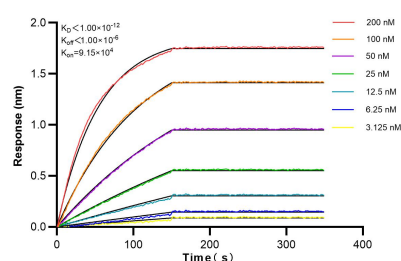
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using USP8 antibody (83172-2-RR, Clone: 240016D3) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using USP8 antibody (83172-2-RR, Clone: 240016D3) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10⁶ A549 cells were intracellularly stained with 0.25 ug USP8 Recombinant antibody (83172-2-RR, Clone:240016D3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83172-2-RR against Human USP8 were performed. The affinity constant is below 1 pM.