

For Research Use Only

USP8 Recombinant antibody

Catalog Number: 83172-2-RR



Basic Information

Catalog Number: 83172-2-RR	GenBank Accession Number: BC110590	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 9101	CloneNo.: 240016D3
Source: Rabbit	UNIPROT ID: P40818	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:125-1:500
Isotype: IgG	Full Name: ubiquitin specific peptidase 8	
Immunogen Catalog Number: AG27143	Calculated MW: 1118 aa, 128 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human	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

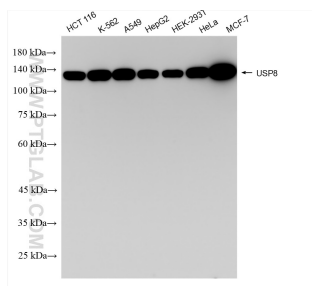
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

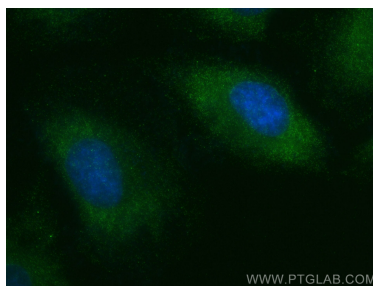
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

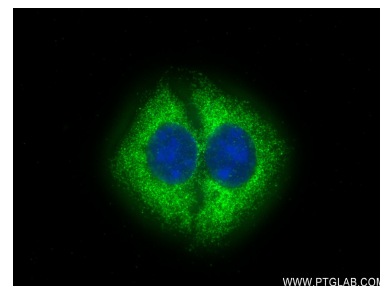
Selected Validation Data



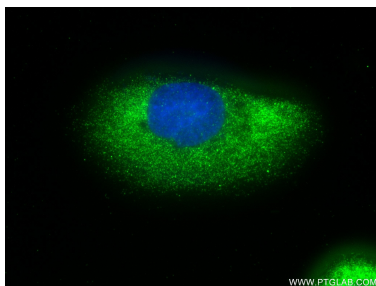
Various lysates were subjected to SDS PAGE followed by western blot with 83172-2-RR (USP8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



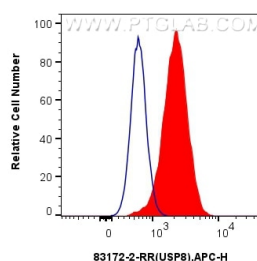
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using USP8 antibody (83172-2-RR, Clone: 240016D3) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



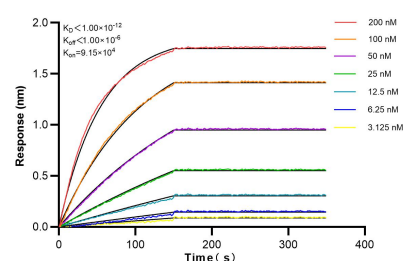
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using USP8 antibody (83172-2-RR, Clone: 240016D3) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



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).



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.