

For Research Use Only

USP36 Monoclonal antibody, PBS Only

Catalog Number: 68165-1-PBS

Featured Product



Basic Information

Catalog Number:

68165-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6426

GenBank Accession Number:

BC038983

GeneID (NCBI):

57602

UNIPROT ID:

Q9P275

Full Name:

ubiquitin specific peptidase 36

Calculated MW:

1123 aa, 123 kDa

Observed MW:

150 kDa

Purification Method:

Protein G purification

CloneNo.:

1A1B3

Applications

Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

USP36 (Ubiquitin carboxyl-terminal hydrolase 36) is also named as KIAA1453, FLJ12851, DUB1 and belongs to the peptidase C19 family. It regulates the transcription and processing of rRNA by deubiquitylating various proteins involved in these processes, and the aberrant nucleolar structure in its absence is secondary to deficient ribosome biogenesis. USP36 plays a crucial role in regulating the structure and function of nucleoli (PMID:19208757). The ubiquitin-specific protease that is required in germline, epithelial, and intestinal stem cells (PMID:19039105). USP36 can be detected in 150 kDa (PMID:33852194)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

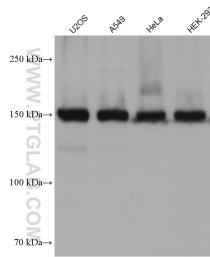
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

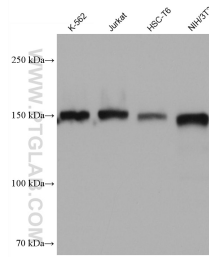
E: proteintech@ptglab.com
W: ptglab.com

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

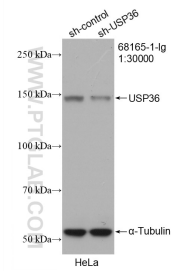
Selected Validation Data



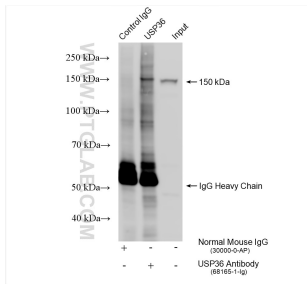
Various lysates were subjected to SDS PAGE followed by western blot with 68165-1-Ig (USP36 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68165-1-PBS in a different storage buffer formulation.



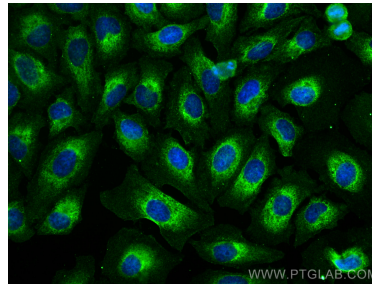
Various lysates were subjected to SDS PAGE followed by western blot with 68165-1-Ig (USP36 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68165-1-PBS in a different storage buffer formulation.



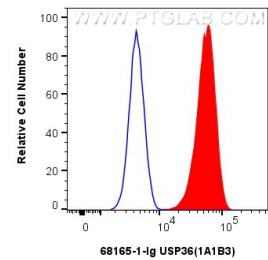
WB result of USP36 antibody (68165-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP36 transfected HeLa cells. This data was developed using the same antibody clone with 68165-1-PBS in a different storage buffer formulation.



IP result of anti-USP36 (IP:68165-1-Ig, 4ug; Detection:68165-1-Ig 1:3000) with Jurkat cells lysate 2030 ug. This data was developed using the same antibody clone with 68165-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using USP36 antibody (68165-1-Ig, Clone: 1A1B3) at dilution of 1:800 and Multi-rAb Coralite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002). This data was developed using the same antibody clone with 68165-1-PBS in a different storage buffer formulation.



1x10⁶ U2OS cells were intracellularly stained with 0.25 ug USP36 Monoclonal antibody (68165-1-Ig, Clone:1A1B3) and Coralite@488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.25 ug Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 68165-1-PBS in a different storage