

For Research Use Only

USP19 Polyclonal antibody, PBS Only

Catalog Number: 25768-1-PBS

Featured Product



Basic Information

Catalog Number:

25768-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22646

GenBank Accession Number:

BC146752

GeneID (NCBI):

10869

UNIPROT ID:

O94966

Full Name:

ubiquitin specific peptidase 19

Calculated MW:

1318 aa, 146 kDa

Observed MW:

70 kDa, 120 kDa, 150-180 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human

Background Information

Ubiquitin-specific protease (USP)19 is a recently identified deubiquitinating enzyme (DUB) having multiple splice variants and cellular functions. Since the sum of molecular weights of the two small bands (65 kDa+120 kDa) approximates the size of the full-length protein (~185 kDa), USP19 is likely to be endoproteolytically cleaved. Interestingly, the small bands were not observed when the DUB activity was inactivated, suggesting that the cleavage of USP19 depends on its DUB activity (PMID: 25088257).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

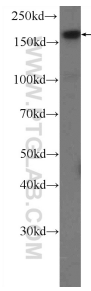
T: 4006900926

E: Proteintech-CN@ptglab.com

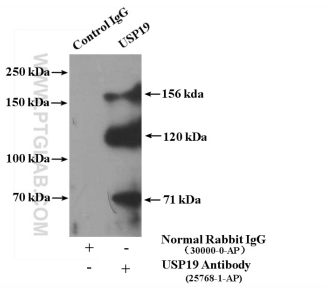
W: ptgcn.com

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

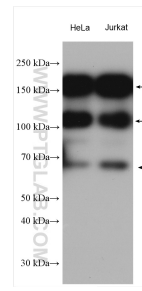
Selected Validation Data



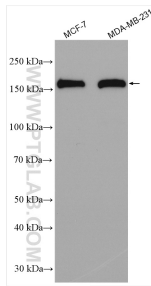
Jurkat cells were subjected to SDS PAGE followed by western blot with 25768-1-AP (USP19 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25768-1-PBS in a different storage buffer formulation.



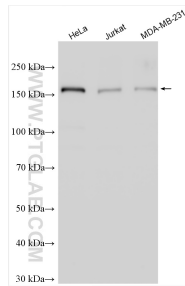
IP result of anti-USP19 (IP:25768-1-AP, 4ug; Detection:25768-1-AP 1:500) with Jurkat cells lysate 2400ug. This data was developed using the same antibody clone with 25768-1-PBS in a different storage buffer formulation.



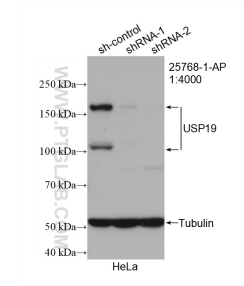
Various lysates were subjected to SDS PAGE followed by western blot with 25768-1-AP (USP19 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25768-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 25768-1-AP (USP19 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25768-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 25768-1-AP (USP19 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25768-1-PBS in a different storage buffer formulation.



WB result of USP19 antibody (25768-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP19 transfected HeLa cells. This data was developed using the same antibody clone with 25768-1-PBS in a different storage buffer formulation.