

For Research Use Only

USP13 Monoclonal antibody, PBS Only

Catalog Number: 66176-1-PBS

Featured Product



Basic Information

Catalog Number:

66176-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG10506

GenBank Accession Number:

BC016146

GeneID (NCBI):

8975

UNIPROT ID:

Q92995

Full Name:

ubiquitin specific peptidase 13
(isopeptidase T-3)

Calculated MW:

863 aa, 97 kDa

Observed MW:

97-100 kDa

Purification Method:

Protein G purification

CloneNo.:

6E8C10

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

USP13 (Ubiquitin carboxyl-terminal hydrolase 13) is also named as ISOT3 and belongs to the peptidase C19 family. It is involved in ubiquitin-dependent protein catabolism. USP13 is responsible for MITF deubiquitination, utilizing a short hairpin RNA library against known deubiquitinating enzymes. This protein has 2 isoforms produced by alternative splicing.

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

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

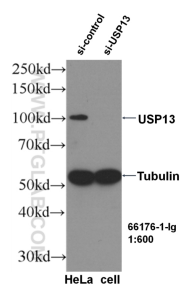
T: 4006900926

E: Proteintech-CN@ptglab.com

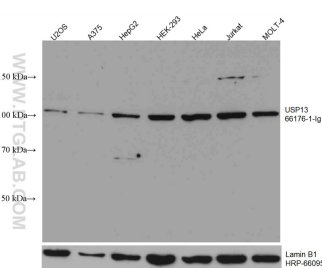
W: ptgcn.com

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

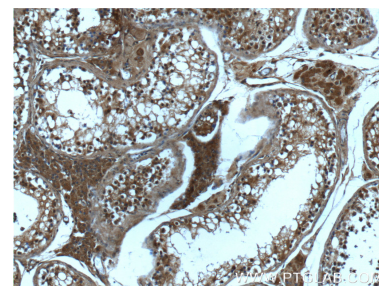
Selected Validation Data



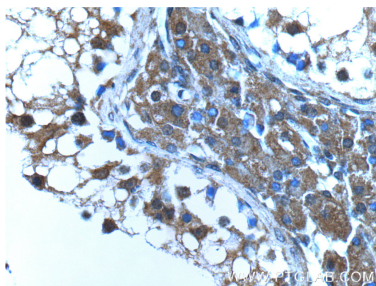
WB result of USP13 antibody (66176-1-Ig, 1:600) with si-Control and si-USP13 transfected HeLa cells. This data was developed using the same antibody clone with 66176-1-PBS in a different storage buffer formulation.



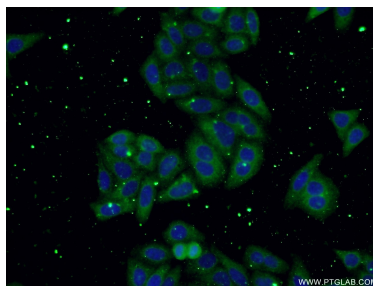
Various lysates were subjected to SDS PAGE followed by western blot with 66176-1-Ig (USP13 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 66176-1-PBS in a different storage buffer formulation.



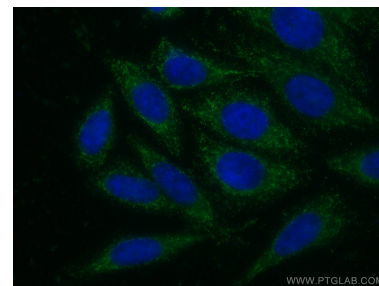
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66176-1-Ig (USP13 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 66176-1-PBS in a different storage buffer formulation.



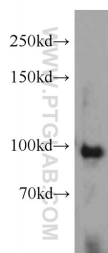
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66176-1-Ig (USP13 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 66176-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HepG2 cells using 66176-1-Ig (USP13 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L). This data was developed using the same antibody clone with 66176-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using USP13 antibody (66176-1-Ig, Clone: 6E8C10) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66176-1-PBS in a different storage buffer formulation.



HepG2 cells were subjected to SDS PAGE followed by western blot with 66176-1-Ig (USP13 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66176-1-PBS in a different storage buffer formulation.