For Research Use Only

USP13 Monoclonal antibody, PBS Only

Catalog Number:66176-1-PBS Featured Product

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
66176-1-PBS

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

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

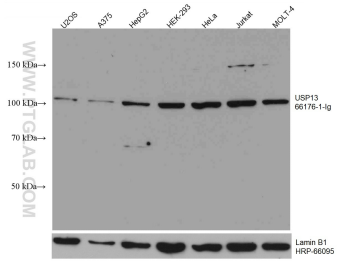
USP13(Ubiquitin carboxyl-terminal hydrolase 13) is also named as ISOT3 and belongs to the peptidase C19 family. It is involved in ubiquitin-dependent protein catabolism. USP13 is responsible for MITF deubiquitination, utilizing a short hairpin RNA library against known deubiquitinating enzymes. This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

Storage

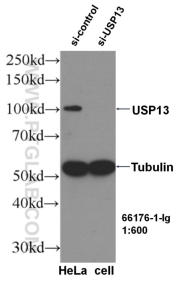
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

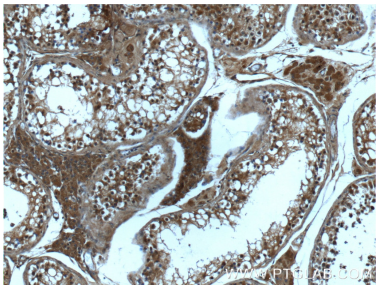
Selected Validation Data



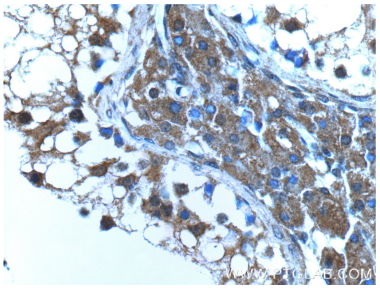
Various lysates were subjected to SDS PAGE followed by western blot with 66176-1-Ig (USP13 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was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



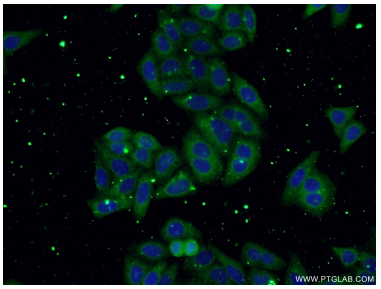
WB result of USP13 antibody (66176-1-Ig, 1:600) with si-Control and si-USP13 transfected HeLa cells. This data was developed using the same antibody clone with 66176-1-PBS in a different storage buffer formulation.



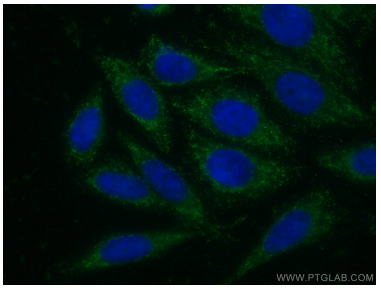
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66176-1-Ig (USP13 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 66176-1-PBS in a different storage buffer formulation.



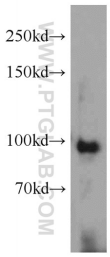
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66176-1-Ig (USP13 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 66176-1-PBS in a different storage buffer formulation.



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.