

For Research Use Only

# USP7 Monoclonal antibody

Catalog Number: 66514-1-Ig

Featured Product

14 Publications



## Basic Information

Catalog Number:

66514-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG25652

GenBank Accession Number:

GeneID (NCBI):

7874

UNIPROT ID:

Q93009

Full Name:

ubiquitin specific peptidase 7 (herpes virus-associated)

Observed MW:

128 kDa

Purification Method:

Protein A purification

CloneNo.:

3D7D11

Recommended Dilutions:

WB 1:5000-1:20000

IHC 1:50-1:500

IF 1:50-1:500

## Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

WB, IP, IF, IHC, CoIP

Species Specificity:

Human, rat, mouse

Cited Species:

human, rat, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HeLa cells, A549 cells, LNCaP cells, HEK-293 cells, Jurkat cells, HSC-T6 cells, ROS1728 cells, NIH/3T3 cells, HepG2 cells, K-562 cells, 4T1 cells

IHC : human prostate cancer tissue,

IF : HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Patricia Wilson	34553755	J Cell Sci	WB,IP
Zhen Yu	35344764	EBioMedicine	WB
Lan Jiang	34385407	Mol Cells	WB

## 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

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

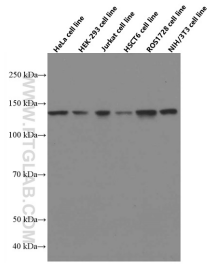
T: 4006900926

E: Proteintech-CN@ptglab.com

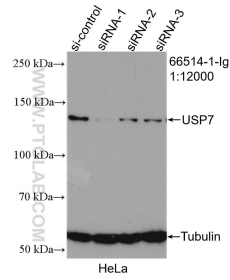
W: ptgcn.com

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

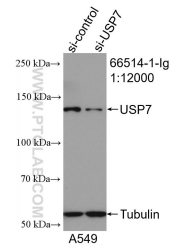
## Selected Validation Data



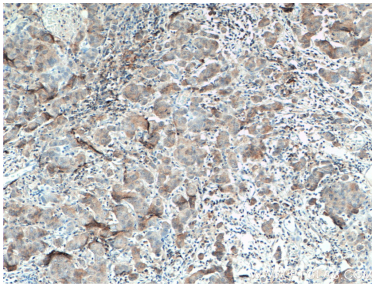
Various lysates were subjected to SDS PAGE followed by western blot with 66514-1-Ig (USP7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



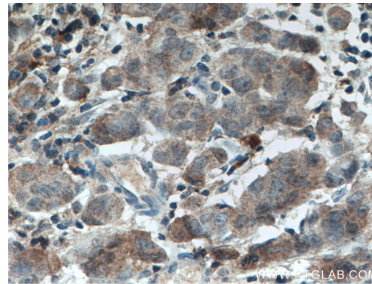
WB result of USP7 antibody (66514-1-Ig; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP7 transfected HeLa cells.



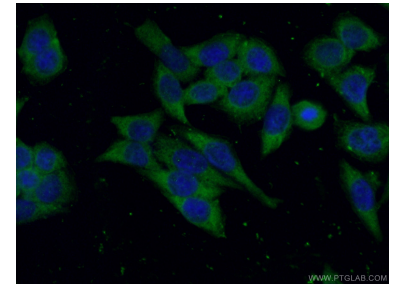
WB result of USP7 antibody (66514-1-Ig; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP7 transfected A549 cells.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66514-1-Ig (USP7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66514-1-Ig (USP7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 66514-1-Ig (USP7 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).