

Product Name: USP7 Mouse Monoclonal Antibody**Catalog #: AMM82784**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human, Mouse, Rat, Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	128kDa

Antigen Information

Gene Name	USP7
Alternative Names	TEF1; HAUSP; HAFOUS
Gene ID	7874.0
SwissProt ID	Q93009
Immunogen	Purified recombinant fragment of human USP7 (AA:1-208) expressed in E. Coli.

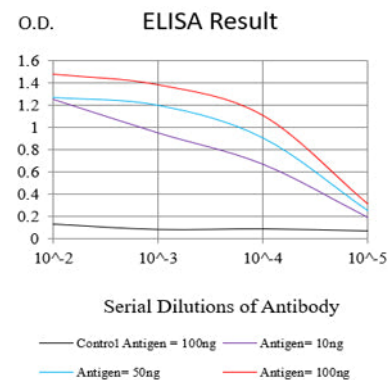
Background

The protein encoded by this gene belongs to the peptidase C19 family, which includes ubiquitinyl hydrolases. This protein deubiquitinates target proteins such as p53 (a tumor suppressor protein) and WASH (essential for endosomal protein recycling), and regulates their activities by counteracting the opposing ubiquitin ligase activity of proteins such as HDM2 and

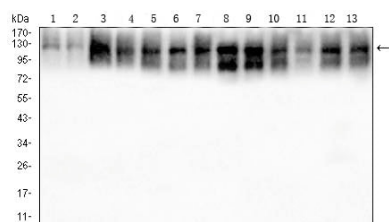
TRIM27, involved in the respective process. Mutations in this gene have been implicated in a neurodevelopmental disorder.
[provided by RefSeq, Mar 2016]

Research Area

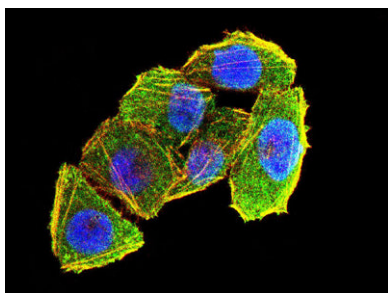
Image Data



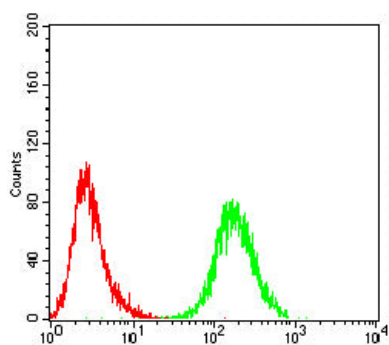
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



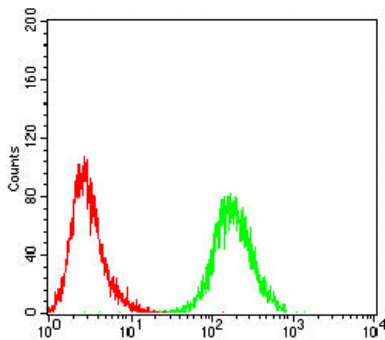
Western blot analysis using USP7 mouse mAb against HeLa (1), A431 (2), MCF-7 (3), Jurkat (4), K562 (5), HepG2 (6), A549 (7), HCT116 (8), HT-29 (9), SW480 (10), C6 (11), COS-7 (12), and NIH/3T3 (13) cell lysate.



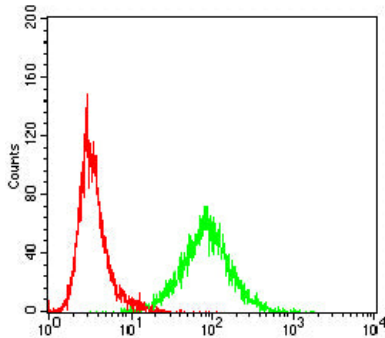
Immunofluorescence analysis of HeLa cells using USP7 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



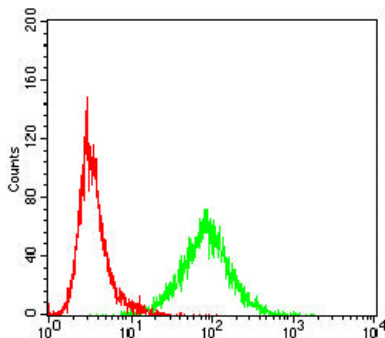
Flow cytometric analysis of HeLa cells using USP7 mouse mAb (green) and negative control (red).



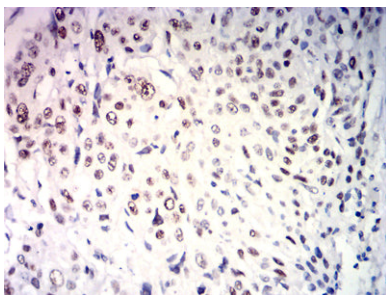
Flow cytometric analysis of HepG2 cells using USP7 mouse mAb (green) and negative control (red).



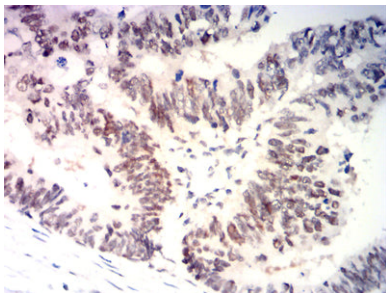
Flow cytometric analysis of Jurkat cells using USP7 mouse mAb (green) and negative control (red).



Flow cytometric analysis of K562 cells using USP7 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human esophageal carcinoma tissues using USP7 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using USP7 mouse mAb with DAB staining.