

USP13 Rabbit mAb

Catalog No: #59592

Package Size: #59592-1 50ul #59592-2 100ul

Description

Product Name	USP13 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse
Specificity	USP13 Antibody detects endogenous levels of total USP13
Immunogen Description	A synthesized peptide derived from human USP13
Other Names	Deubiquitinating enzyme 13; Isopeptidase T3; ISOT3; UBP13; USP13;
Accession No.	Uniprot:Q92995
Calculated MW	Predicted band size: 97 kDa
SDS-PAGE MW	Observed band size: 97 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

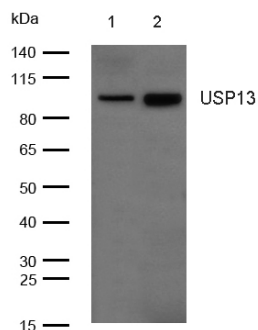
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: USP13 Rabbit mAb at 1/1k dilution

Lane 1 : JK whole cell lysates Lane 2 : HepG2 whole cell lysates
Lysates/proteins at 20 µg per lane.

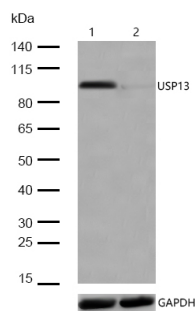
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 97 kDa

Observed band size: 97 kDa

Exposure time: 4 seconds

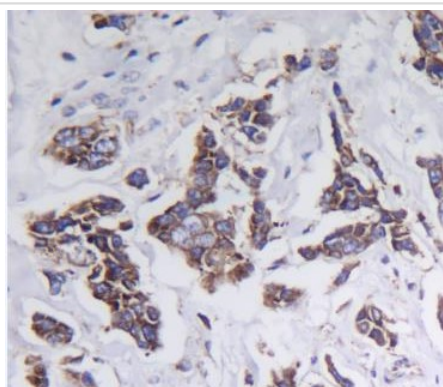


All lanes: USP13 Rabbit mAb at 1/1k dilution

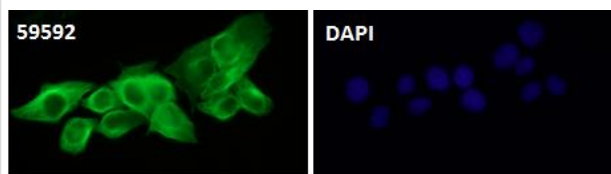
Lane 1 : Wild-type Hela cell lysate

Lane 2 : USP13 Rabbit mAb knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human breast cancer tissue stained for USP13 using 59592 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence USP13 antibody (59592) ICC/IF staining of USP13 in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59592 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

Background

Mediates deubiquitination of BECN1, a key regulator of autophagy, leading to stabilize the PIK3C3/VPS34-containing complexes. Also deubiquitinates USP10, an essential regulator of p53/TP53 stability.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.