USP13 Rabbit mAb

Catalog No: #49702

Package Size: #49702-1 50ul #49702-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

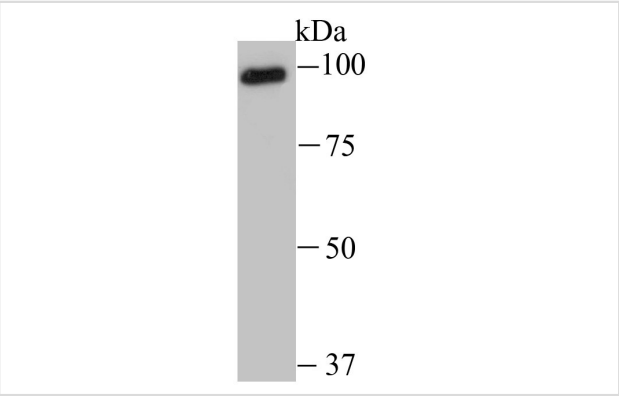
Description

Product Name	USP13 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU72-38
Purification	ProA affinity purified
Applications	WB,ICC/IF,FC,IP
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Other Names	Deubiquitinating enzyme 13 antibody Isopeptidase T 3 antibody Isopeptidase T-3 antibody Isopeptidase T3 antibody ISOT 3 antibody ISOT-3 antibody ISOT3 antibody Ubiquitin carboxyl terminal hydrolase 13 antibody Ubiquitin carboxyl-terminal hydrolase 13 antibody Ubiquitin specific peptidase 13 (isopeptidase T3) antibody Ubiquitin specific peptidase 13 antibody Ubiquitin specific processing protease 13 antibody Ubiquitin specific protease 13 antibody Ubiquitin thioesterase 13 antibody Ubiquitin thiolesterase 13 antibody Ubiquitin-specific-processing protease 13 antibody UBP13 antibody UBP13_HUMAN antibody USP 13 antibody USP13 antibody
Accession No.	Swiss-Prot#:Q92995
Uniprot	Q92995
GeneID	8975;
Calculated MW	97 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

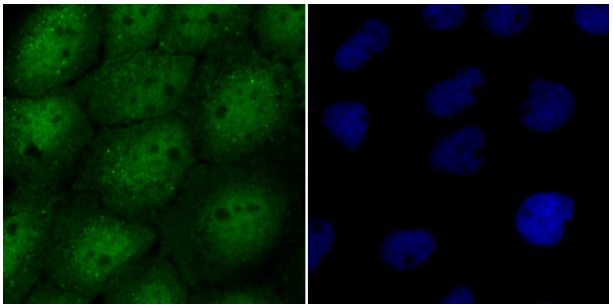
Application Details

WB: 1:500-1:2,000ICC: 1:50-1:200IP: 1:10-1:50FC: 1:50-1:100

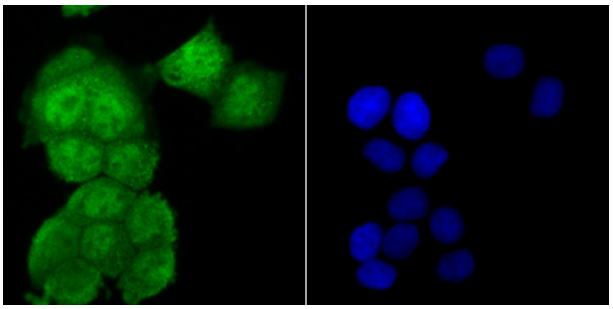
Images



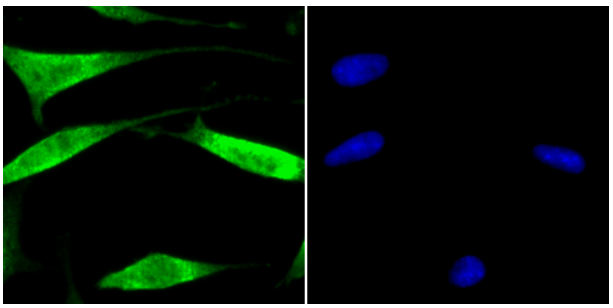
Western blot analysis of USP13 on mouse testis tissue lysate using anti-USP13 antibody at 1/500 dilution.



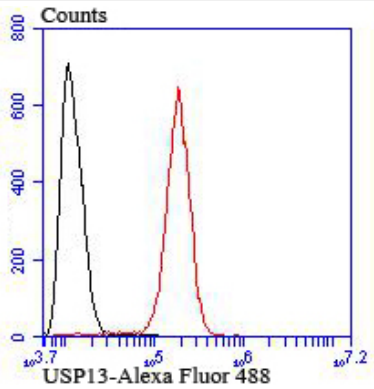
ICC staining USP13 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining USP13 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining USP13 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of SH-SY5Y cells with USP13 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

Background

The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. Through the use of a wide range of enzymes that can add or remove ubiquitin, the Ub pathway controls many intracellular processes such as signal transduction, transcriptional activation and cell cycle progression. USP13 (ubiquitin specific peptidase 13), also known as ISOT3 (Isopeptidase T-3), is an 863 amino acid protein that belongs to the peptidase C19 family and contains one UBP-type zinc finger and two UBA domains. Highly expressed in testicular and ovarian tissue, USP13 functions to catalyze the water-dependent conversion of a ubiquitin C-terminal thioester to a thiol and a free ubiquitin.

References

Note: This product is for in vitro research use only