

For Research Use Only

USP28 Monoclonal antibody

Catalog Number: 67814-1-Ig



Basic Information

Catalog Number: 67814-1-Ig	GenBank Accession Number: BC065928	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 57646	CloneNo.: 1E3D1
Source: Mouse	Full Name: ubiquitin specific peptidase 28	Recommended Dilutions: WB 1:1000-1:4000 IF 1:400-1:1600
Isotype: IgG2a	Calculated MW: 583aa,66 kDa; 1077aa,120 kDa	
Immunogen Catalog Number: AG11805	Observed MW: 135 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human, Mouse, Rat	WB : MDA-MB-231 cells, HSC-T6 cells, HSC-T6 cells and NIH/3T3 cells., MDA-MB-468 cells, Hela cells and LNCaP cells.
	IF : HeLa cells,

Background Information

USP28 (Ubiquitin carboxyl-terminal hydrolase 28) is also named as KIAA1515. USP28 is a 53BP1-interacting protein and a putative deubiquitinating enzyme, and belongs to a family of enzymes, called deubiquitinating enzymes (DUBs), which remove ubiquitin from the ubiquitin conjugates (PMID:16901786). It can be phosphorylated upon DNA damage at Ser-67 and Ser-714, by ATM or ATR (PMID:16901786). This protein has some isoforms produced by alternative splicing with the molecular mass of 122 kDa, 119 kDa and 66 kDa, and can be detected as 130-140 kDa (PMID: 16901786).

Storage

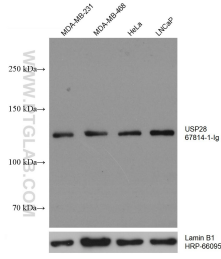
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

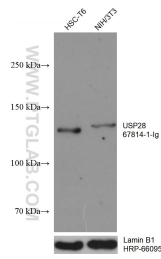
For technical support and original validation data for this product please contact:
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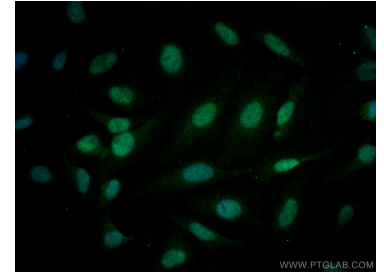
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67814-1-Ig (USP28 antibody) at dilution of 1:2000 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.



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Immunofluorescent analysis of (4% PFA) fixed HeLa cells using USP28 antibody (67814-1-Ig, Clone: 1E3D1) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).