

For Research Use Only

USP28 Monoclonal antibody, PBS Only

Catalog Number:67814-1-PBS



Basic Information

Catalog Number: 67814-1-PBS	GenBank Accession Number: BC065928	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 57646	CloneNo.: 1E3D1
Source: Mouse	UNIPROT ID: Q96RU2	
Isotype: IgG2a	Full Name: ubiquitin specific peptidase 28	
Immunogen Catalog Number: AG11805	Calculated MW: 583aa,66 kDa; 1077aa,120 kDa	
	Observed MW: 135 kDa	

Applications

Tested Applications:
WB,Indirect ELISA,IF

Species Specificity:
human, mouse, rat

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

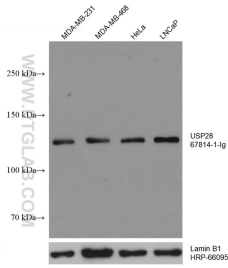
T: 4006900926

E: Proteintech-CN@ptglab.com

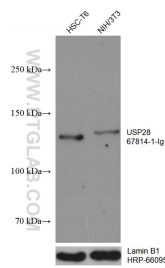
W: ptgcn.com

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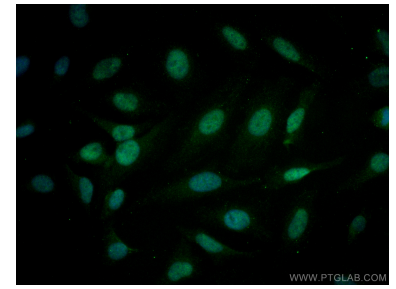
Selected Validation Data



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. This data was developed using the same antibody clone with 67814-1-PBS in a different storage buffer formulation.



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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). This data was developed using the same antibody clone with 67814-1-PBS in a different storage buffer formulation.