

For Research Use Only

USP14 Monoclonal antibody, PBS Only



Catalog Number: 67746-1-PBS

Basic Information

Catalog Number: 67746-1-PBS	GenBank Accession Number: BC003556	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9097	CloneNo.: 3B12G3
Source: Mouse	UNIPROT ID: P54578	
Isotype: IgG1	Full Name: ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)	
Immunogen Catalog Number: AG6312	Calculated MW: 54 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human, Mouse, Rat, Pig, Rabbit

Background Information

USP14 (Ubiquitin carboxyl-terminal hydrolase 14) is also named as TGT and belongs to the peptidase C19 family. Mammalian USP14 is unique among known UBP enzymes in that it is activated catalytically upon specific association with the 26S proteasome. USP14 inhibition accelerated the degradation of oxidized proteins and enhanced resistance to oxidative stress.

Storage

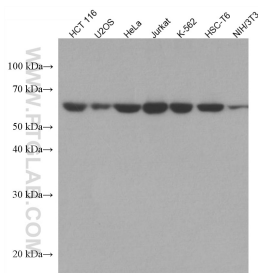
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

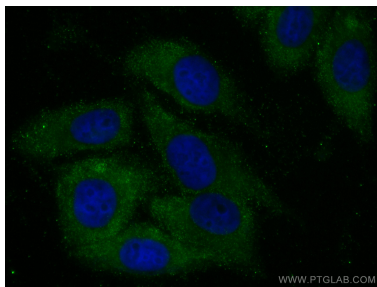
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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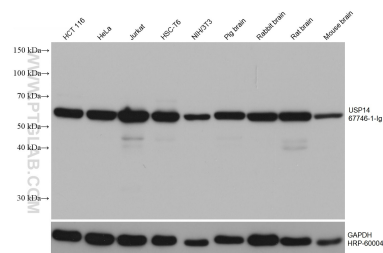
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67746-1-Ig (USP14 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67746-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using USP14 antibody (67746-1-Ig, Clone: 3B12G3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67746-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67746-1-Ig (USP14 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67746-1-PBS in a different storage buffer formulation.