

For Research Use Only

Ribosomal protein L4 Recombinant antibody, PBS Only



Catalog Number: 80959-1-PBS

Basic Information

Catalog Number: 80959-1-PBS	GenBank Accession Number: BC009888	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6124	CloneNo.: 3K6
Source: Rabbit	UNIPROT ID: P36578	
Isotype: IgG	Full Name: ribosomal protein L4	
Immunogen Catalog Number: AG28728	Calculated MW: 48 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications:
WB, IP, IF, FC, Indirect ELISA

Species Specificity:
Human

Background Information

60S ribosomal protein L4 is encoded by RPL4 (or RPL1) gene. RPL4 is a component of 60S subunit of ribosome, and belongs to the L4E family. By interacting with c-Myb, RPL4 plays a important role in c-myc expression in response to growth factor and nutritional signals. Recently RPL4 was reported to be able to increase efficiency of viral recoding sequence.

Storage

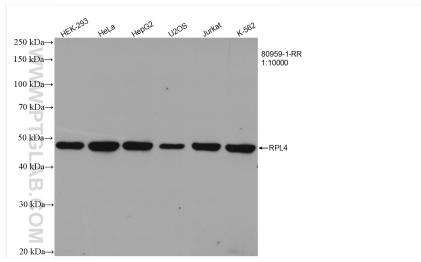
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

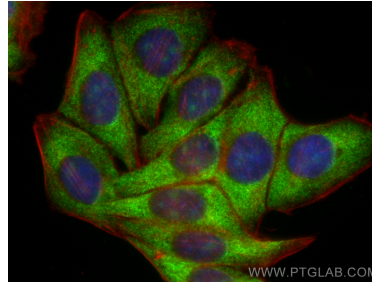
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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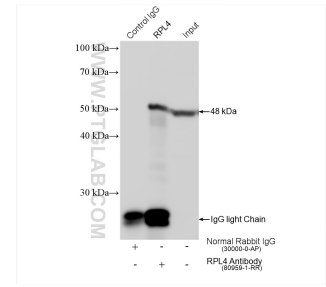
Selected Validation Data



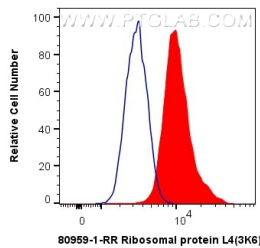
Various lysates were subjected to SDS PAGE followed by western blot with 80959-1-RR (RPL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 80959-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Ribosomal protein L4 antibody (80959-1-RR, Clone: 3K6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 80959-1-PBS in a different storage buffer formulation.



IP result of anti-Ribosomal protein L4 (IP:80959-1-RR, 4ug; Detection:80959-1-RR 1:2000) with HeLa cells lysate 1560 ug. This data was developed using the same antibody clone with 80959-1-PBS in a different storage buffer formulation.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug Anti-Human Ribosomal protein L4 (80959-1-RR, Clone:3K6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 80959-1-PBS in a different storage buffer formulation.