

For Research Use Only

RPS17 Recombinant antibody

Catalog Number:83848-4-RR



Basic Information

Catalog Number: 83848-4-RR	GenBank Accession Number: BC009407	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 6218	CloneNo.: 240851H3
Source: Rabbit	UNIPROT ID: P08708	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:125-1:500
Isotype: IgG	Full Name: ribosomal protein S17	
Immunogen Catalog Number: AG9334	Calculated MW: 135 aa, 16 kDa	
	Observed MW: 16 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls: WB : HeLa cells, A549 cells, Jurkat cells, HEK-293 cells IF/ICC : U2OS cells,
Species Specificity: human	

Background Information

RPS17 is a component of the small ribosomal subunit, the ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell.

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

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

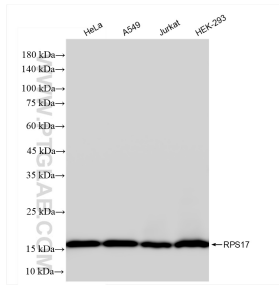
T: 4006900926

E: Proteintech-CN@ptglab.com

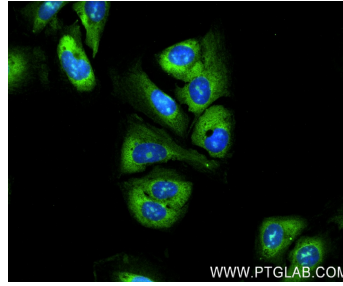
W: ptgcn.com

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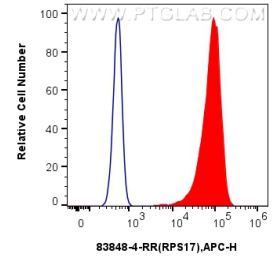
Selected Validation Data



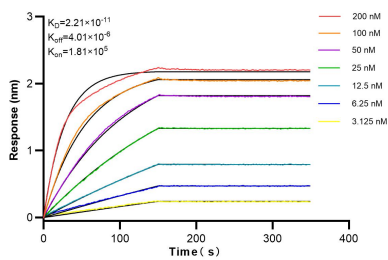
Various lysates were subjected to SDS PAGE followed by western blot with 83848-4-RR (RPS17 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using RPS17 antibody (83848-4-RR, Clone: 240851H3) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug RPS17 Recombinant antibody (83848-4-RR, Clone:240851H3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Bi-layer interferometry (BLI) kinetic assays of 83848-4-RR against Human RPS17 were performed. The affinity constant is 21.2 pM.