

For Research Use Only

# RPS17 Recombinant antibody

Catalog Number: 83848-4-RR



## Basic Information

### Catalog Number:

83848-4-RR

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9334

### GenBank Accession Number:

BC009407

### GeneID (NCBI):

6218

### UNIPROT ID:

P08708

### Full Name:

ribosomal protein S17

### Calculated MW:

135 aa, 16 kDa

### Observed MW:

16 kDa

### Purification Method:

Protein A purification

### CloneNo.:

240851H3

### Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:125-1:500

## Applications

### Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

### Species Specificity:

human

### Positive Controls:

WB : HeLa cells, A549 cells, Jurkat cells, HEK-293 cells

IF/ICC : U2OS cells,

## 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

\*\*\* 20ul sizes contain 0.1% BSA

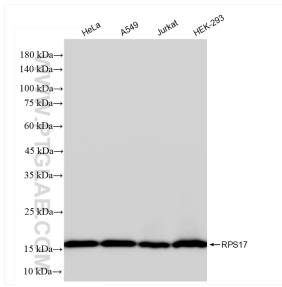
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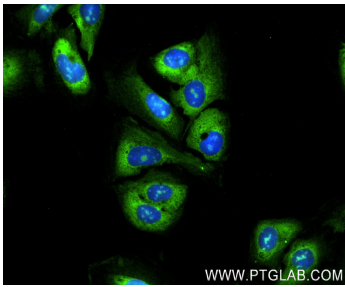
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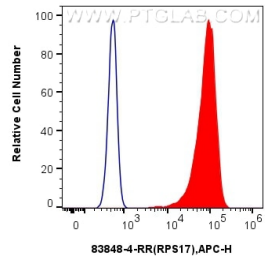
Selected Validation Data



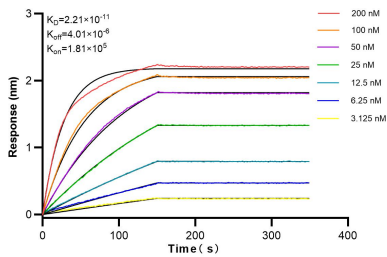
Various lysates were subjected to SDS PAGE followed by western blot with 83848-4-RR (RPS17 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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).



1x10<sup>6</sup> 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).



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