

For Research Use Only

# RBM17 Recombinant antibody

Catalog Number: 82889-1-RR

Featured Product



## Basic Information

### Catalog Number:

82889-1-RR

### Size:

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

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0985

### GenBank Accession Number:

BC007871

### GeneID (NCBI):

84991

### UNIPROT ID:

Q96I25

### Full Name:

RNA binding motif protein 17

### Calculated MW:

45 kDa

### Observed MW:

45-50 kDa

### Purification Method:

Protein A purification

### CloneNo.:

230125F6

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:500-1:2000

## Applications

### Tested Applications:

WB, IF/ICC, IP, ELISA

### Species Specificity:

human

### Positive Controls:

WB : MCF-7 cells,

IP : MCF-7 cells,

IF/ICC : HepG2 cells,

## Background Information

RNA-binding motif protein 17 (RBM17), also named splicing factor 45, was first identified as a member of the spliceosome. RBM17 expression is low in normal tissues but is overexpressed in several forms of cancer, including breast, ovarian and prostate.

## 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

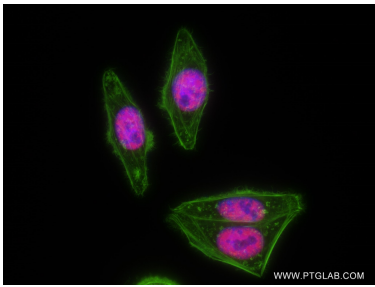
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

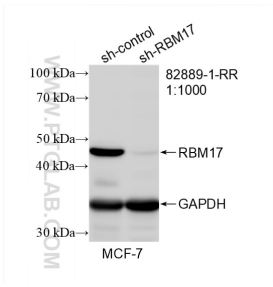
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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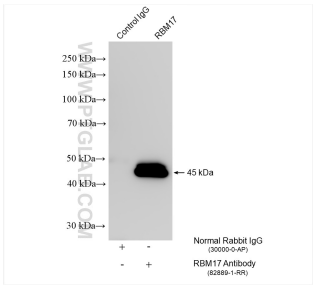
Selected Validation Data



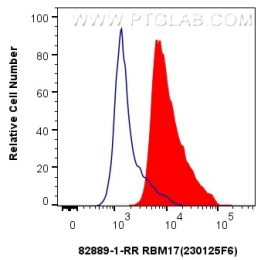
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RBM17 antibody (82889-1-RR, Clone: 230125F6) at dilution of 1:1000 and Multi-Ab CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM004).(CL488-Phalloidin, green).



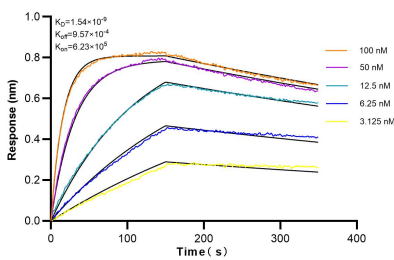
WB result of RBM17 antibody (82889-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RBM17 transfected MCF-7 cells.



IP result of anti-RBM17 (IP:82889-1-RR, 4ug; Detection:82889-1-RR 1:10000) with MCF-7 cells lysate 1470 ug.



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug RBM17 Recombinant antibody (82889-1-RR, Clone:230125F6) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Biolayer interferometry (BLI) kinetic assays of 82889-1-RR against Human RBM17 were performed. The affinity constant is 1.54 nM.