

For Research Use Only

RBM17 Recombinant antibody

Catalog Number: 82889-2-RR

Featured Product



Basic Information

Catalog Number:

82889-2-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.:

230125A10

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

IF/ICC 1:150-1:600

Applications

Tested Applications:

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

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : MCF-7 cells,

IP : MCF-7 cells,

IHC : mouse testis tissue,

IF/ICC : HeLa 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

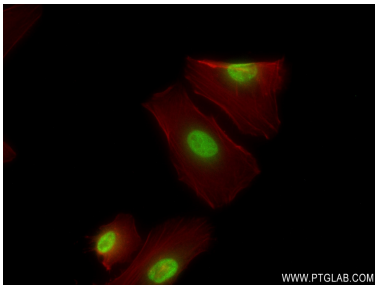
For technical support and original validation data for this product please contact:

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

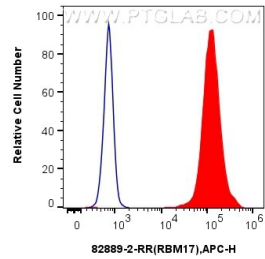
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

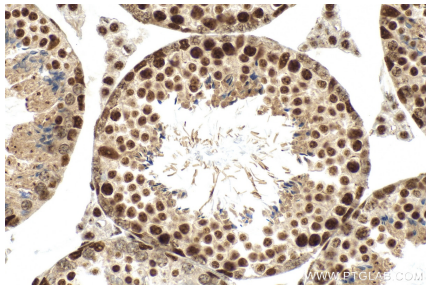
Selected Validation Data



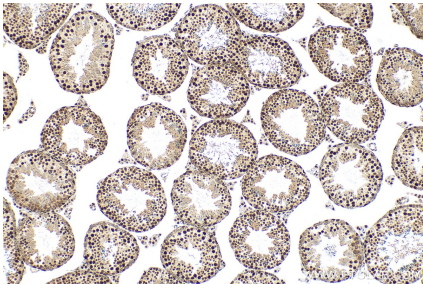
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using RBM17 antibody (82889-2-RR, Clone: 230125A10) at dilution of 1:300 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



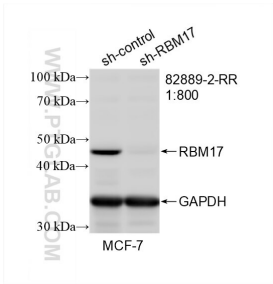
1x10⁶ A431 cells were intracellularly stained with 0.5 ug Anti-Human RBM17 (82889-2-RR, Clone:230125A10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:166 (red), or 0.5 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP, Clone:) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



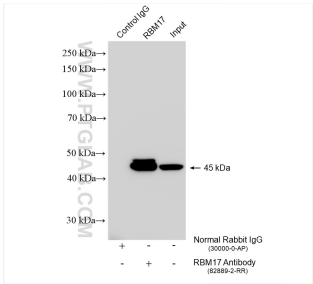
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82889-2-RR (RBM17 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



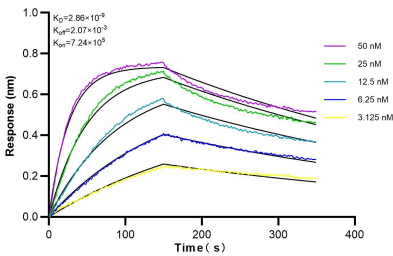
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82889-2-RR (RBM17 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of RBM17 antibody (82889-2-RR; 1:800; incubated at room temperature for 1.5 hours) with sh-Control and sh-RBM17 transfected MCF-7 cells.



IP result of anti-RBM17 (IP:82889-2-RR, 4ug; Detection:82889-2-RR 1:10000) with MCF-7 cells lysate 1470 ug.



Biolayer interferometry (BLI) kinetic assays of 82889-2-RR against Human RBM17 were performed. The affinity constant is 2.86 nM.