For Research Use Only

RBM14 Recombinant monoclonal antibody

Catalog Number:88407-1-RR

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Basic Information

Catalog Number:
88407-1-RR

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG42734

GenBank Accession Number:
BC000488

GeneID (NCBI):
10432

UNIPROT ID:
Q96PK6

Full Name:
RNA binding motif protein 14

Calculated MW:
70 kDa

Observed MW:
70-75 kDa

Purification Method:
Protein A purification

CloneNo.:
260914C12

Recommended Dilutions:
WB: 1:2000-1:10000
IHC: 1:400-1:1600
IF/ICC: 1:500-1:2000

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

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 : HeLa cells, HEK-293 cells, Jurkat cells, COS-7 cells, NIH/3T3 cells, C2C12 cells, C6 cells

IHC : mouse thymus tissue,

IF/ICC : U-251 cells,

Background Information

RBM14 is a ribonucleoprotein that functions as a general nuclear coactivator, and an RNA splicing modulator. This protein contains two RNA recognition motifs (RRM) at the N-terminus, and multiple hexapeptide repeat domain at the C-terminus that interacts with thyroid hormone receptor-binding protein (TRBP), and is required for transcription activation.

Storage

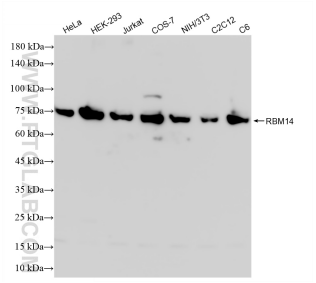
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

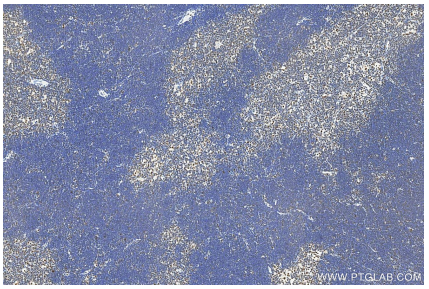
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

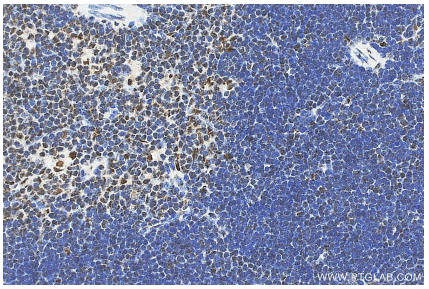
Selected Validation Data



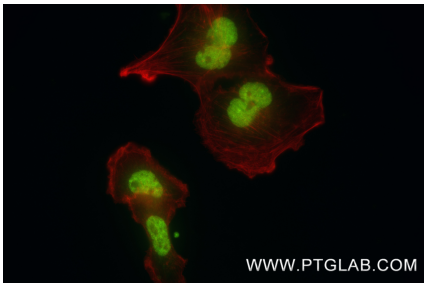
Various lysates were subjected to SDS PAGE followed by western blot with 88407-1-RR (RBM14 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



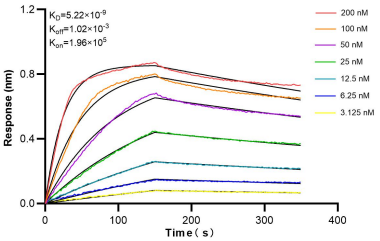
Immunohistochemical analysis of paraffin-embedded mouse thymus tissue slide using 88407-1-RR (RBM14 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse thymus tissue slide using 88407-1-RR (RBM14 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using RBM14 antibody (88407-1-RR, Clone: 260914C12) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 88407-1-RR against Human RBM14 were performed. The affinity constant is 5.22 nM.