

For Research Use Only

# CoraLite®594-conjugated RBM15 Polyclonal antibody



Catalog Number:CL594-10587

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-10587	<b>GenBank Accession Number:</b> BC006397	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 64783	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> RNA binding motif protein 15	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 105 kDa	
<b>Immunogen Catalog Number:</b> AG0938	<b>Observed MW:</b> 100-107 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HepG2 cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

RNA-binding motif protein 15 (RBM15) belongs to the SPEN protein family, which have repressor function in several signaling pathway, and may bind to RNA through interaction with spliceosome components. It was first described as a 5' translocation partner of the MAL gene in t(1,22)(p13;q13) infant acute megakaryocytic leukemia, and it functions in murine hematopoiesis through modulating Notch-induced transcriptional activation, which play crucial roles in leukemogenesis. Decreasing RBM15 levels with RNA interference could inhibit the growth and proliferation, block the cell cycle, and induce apoptosis in CML cells.

## Storage

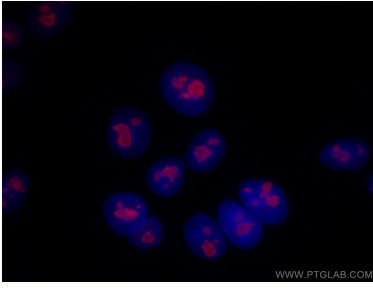
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 HepG2 cells using Coralite® 594 RBM15 antibody (CL594-10587) at dilution of 1:200.