

For Research Use Only

CoraLite®594-conjugated RBM15 Polyclonal antibody



Catalog Number:CL594-10587

Featured Product

Basic Information

Catalog Number:

CL594-10587

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0938

GenBank Accession Number:

BC006397

GeneID (NCBI):

64783

UNIPROT ID:

Q96T37

Full Name:

RNA binding motif protein 15

Calculated MW:

105 kDa

Observed MW:

100-107 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

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

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

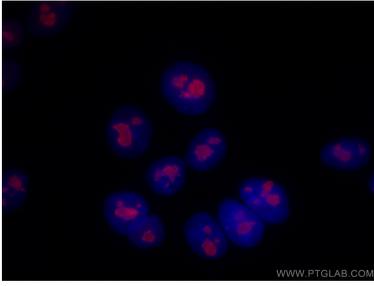
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite®594 RBM15 antibody (CL594-10587) at dilution of 1:200.