

CoraLite®594-conjugated RBM4 Polyclonal antibody

Catalog Number: CL594-11614

Featured Product

Basic Information

Catalog Number:

CL594-11614

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2190

GenBank Accession Number:

BC021120

GeneID (NCBI):

5936

UNIPROT ID:

Q9BWF3

Full Name:

RNA binding motif protein 4

Calculated MW:

40 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, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells, HepG2 cells

Background Information

RBM4, RNA-binding motif protein4, contains 2 RRM-type RNA-binding motif and a retroviral-type(RT) zinc finger. RNA-binding factor participates in number of aspects of cellular processes such as alternative splicing of pre-mRNA and translation regulation. RBM4 recruits eIF4A1 to stimulate IRES-dependent translation in responds to cellular stress. Once assembled at the rHRE, the HIF2A-RBM4-eIF4E2 complex captures the 5-prime cap and targets mRNAs to polysomes for active translation, thereby evading hypoxia-induced repression of protein synthesis. This is a rabbit polyclonal antibody raised against the full-length of human RBM4

Storage

Storage:

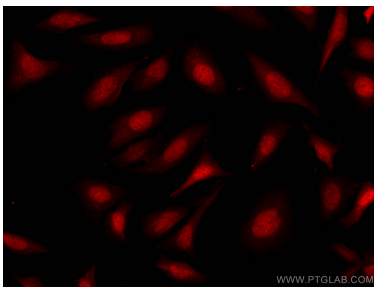
Store at -20°C. Avoid exposure to light.

Storage Buffer:

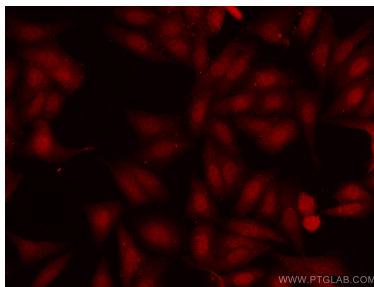
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

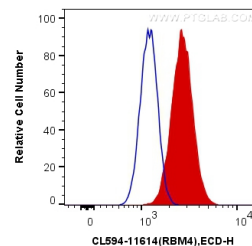
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite®594-conjugated RBM4 antibody (CL594-11614) at dilution of 1:100.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594-conjugated RBM4 antibody (CL594-11614) at dilution of 1:100.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human RBM4 (CL594-11614) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).