

For Research Use Only

CoraLite®594-conjugated RBM39 Monoclonal antibody



Catalog Number:CL594-67420

Basic Information

Catalog Number:

CL594-67420

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG15766

GenBank Accession Number:

BC141835

GeneID (NCBI):

9584

UNIPROT ID:

Q14498

Full Name:

RNA binding motif protein 39

Calculated MW:

530 aa, 59 kDa

Observed MW:

60-66 kDa

Purification Method:

Protein A purification

CloneNo.:

2D2C8

Recommended Dilutions:

IF/ICC 1:250-1:1000

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

Human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

RBM39, also named as HCC1 or RNPC2, is a 530 amino acid protein, which contains three RRM (RNA recognition motif) domains and belongs to the splicing factor SR family. RBM39 is widely expressed in various tissues and with highly expression in pancreas, skeletal muscle, lung and brain. RBM39 is a transcriptional coactivator for steroid nuclear receptors ESR1/ER-alpha and ESR2/ER-beta, and JUN/AP-1. RBM39 may be involved in pre-mRNA splicing process.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

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:

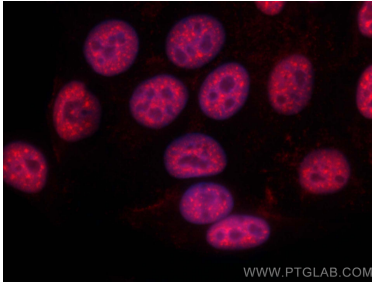
T: 4006900926

E: Proteintech-CN@ptglab.com

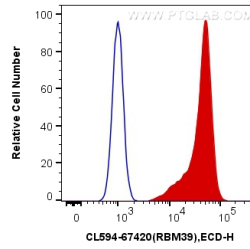
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 RBM39 antibody (CL594-67420, Clone: 2D2C8) at dilution of 1:500.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human RBM39 (CL594-67420, Clone:2D2C8) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL594-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).