

For Research Use Only

CoraLite®594-conjugated RBM4 Polyclonal antibody



Catalog Number:CL594-11614

Featured Product

Basic Information

Catalog Number: CL594-11614	GenBank Accession Number: BC021120	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5936	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: RNA binding motif protein 4	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Isotype: IgG	Calculated MW: 40 kDa	
Immunogen Catalog Number: AG2190		

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : HeLa cells, HepG2 cells
Species Specificity: human, mouse, rat	

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

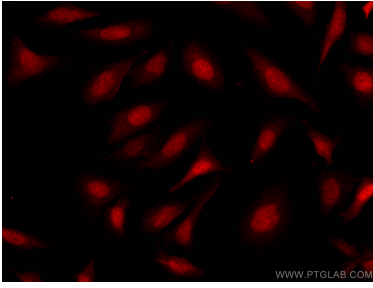
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

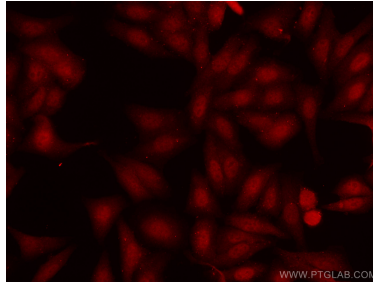
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

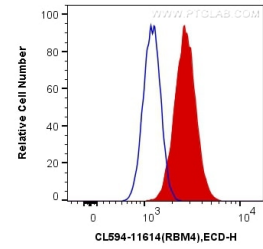
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed 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).