

For Research Use Only

# CoraLite®555-conjugated RBM4 Monoclonal antibody



Catalog Number:CL555-60292

Featured Product

## Basic Information

Catalog Number:

CL555-60292

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

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

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

3H3F12

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:

557 nm / 570nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF : HeLa 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.

## 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:

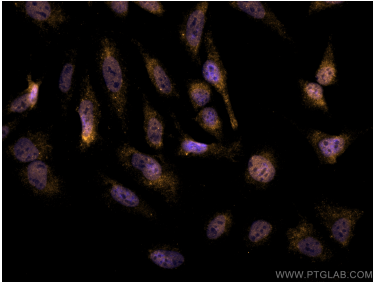
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite@555 RBM4 antibody (CL555-60292, Clone: 3H3F12) at dilution of 1:200.