

For Research Use Only

CoraLite®594-conjugated HNRNPM Recombinant monoclonal antibody

Catalog Number:CL594-85422



Basic Information

Catalog Number:

CL594-85422

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25474

GenBank Accession Number:

BC000138

GeneID (NCBI):

4670

UNIPROT ID:

P52272

Full Name:

heterogeneous nuclear
ribonucleoprotein M

Calculated MW:

78 kDa

Observed MW:

73-77 kDa

Purification Method:

Protein A purification

CloneNo.:

242883C3

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

HNRNPM, also named as NAGR1, is a 730 amino acid protein, which localizes in nucleus. HNRNPM as a pre-mRNA binding protein in vivo, binds avidly to poly(G) and poly(U) RNA homopolymers in vitro. HNRNPM is Involved in splicing. HNRNPM acts as a receptor for carcinoembryonic antigen in Kupffer cells, may initiate a series of signaling events leading to tyrosine phosphorylation of proteins and induction of IL-1 alpha, IL-6, IL-10 and tumor necrosis factor alpha cytokines. HNRNPM exists three isoforms MW range from 73 kDa and 77 kDa.

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

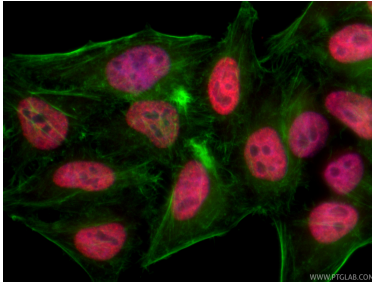
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 HNRNPM antibody (CL594-85422, Clone: 242883C3) at dilution of 1:200, CL488-phalloidin (green).