

For Research Use Only

CoraLite® Plus 647-conjugated HNRNPM Recombinant monoclonal antibody

Catalog Number: CL647-85422



Basic Information

| | | |
|---------------------------|---------------------------|----------------------------|
| Catalog Number: | GenBank Accession Number: | Purification Method: |
| CL647-85422 | BC000138 | Protein A purification |
| Source: | GenID (NCBI): | CloneNo.: |
| Rabbit | 4670 | 242883C3 |
| Isotype: | UNIPROT ID: | Recommended Dilutions: |
| IgG | P52272 | IF/ICC: 1:50-1:500 |
| Immunogen Catalog Number: | Full Name: | Excitation/Emission maxima |
| AG25474 | heterogeneous nuclear | wavelengths: |
| | ribonucleoprotein M | 654 nm / 674 nm |
| | Calculated MW: | |
| | 78 kDa | |
| | Observed MW: | |
| | 73-77 kDa | |

Applications

| | |
|----------------------|-----------------------|
| Tested Applications: | Positive Controls: |
| IF/ICC | IF/ICC : HepG2 cells, |
| Species Specificity: | |
| human | |

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:

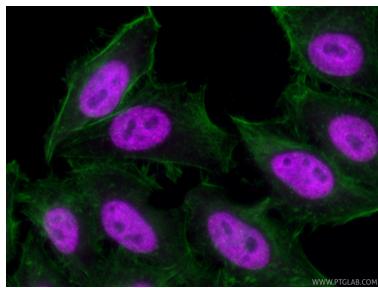
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 647 HNRNPM antibody (CL647-85422, Clone: 242883C3) at dilution of 1:200, CL488-phalloidin (green).