

For Research Use Only



CoraLite® Plus 488-conjugated HNRNPM Recombinant monoclonal antibody

Catalog Number: **CL488-85422**

Basic Information

Catalog Number: CL488-85422	GenBank Accession Number: BC000138	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4670	CloneNo.: 242883C3
Source: Rabbit	UNIPROT ID: P52272	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: heterogeneous nuclear ribonucleoprotein M	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG25474	Calculated MW: 78 kDa	
	Observed MW: 73-77 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: 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.

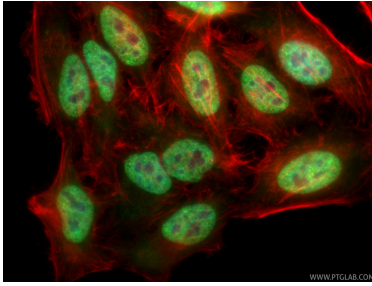
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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 488 HNRNPM antibody (CL488-85422, Clone: 242883C3) at dilution of 1:200, CL594-phalloidin (red).