

CoraLite® Plus 488-conjugated HNRNPR Recombinant monoclonal antibody

Catalog Number: **CL488-85078-5**

Basic Information

Catalog Number: CL488-85078-5	GenBank Accession Number: BC001449	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 10236	CloneNo.: 242734A8
Source: Rabbit	UNIPROT ID: O43390	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: heterogeneous nuclear ribonucleoprotein R	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG30339	Calculated MW: 71 kDa	
	Observed MW: 65-82 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human, mouse, rat	

Background Information

HNRNPR belongs to Heterogeneous nuclear ribonucleoproteins (hnRNPs), which are among the most abundant proteins in the eukaryotic nucleus and they play important roles in processing of precursor mRNA. hnRNP proteins have a modular structure consisting of one or more RNA binding domains and at least another auxiliary domain, which likely mediates protein-protein interactions but may also contribute to nucleic acid binding. The calculated molecular weight of HNRNPR is 71 kDa, but the migration behavior of the 82 kDa translation product was indistinguishable from that of HNRNPR. (PMID: 9421497)

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

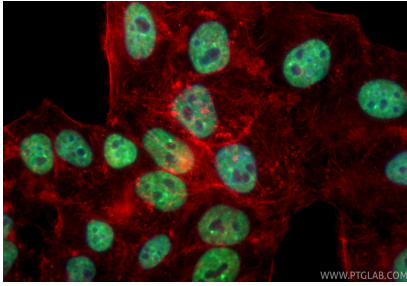
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 HNRNPR antibody (CL488-85078-5, Clone: 242734A8) at dilution of 1:200, CL594-Phalloidin (red).