

For Research Use Only



# CoraLite® Plus 488-conjugated HNRNPR Recombinant monoclonal antibody

Catalog Number: **CL488-85078**

## Basic Information

<b>Catalog Number:</b> CL488-85078	<b>GenBank Accession Number:</b> BC001449	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10236	<b>CloneNo.:</b> 242734C8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O43390	<b>Recommended Dilutions:</b> IF/ICC: 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein R	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG30339	<b>Calculated MW:</b> 71 kDa	
	<b>Observed MW:</b> 65-82 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> 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

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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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 HNRNPR antibody (CL488-85078, Clone: 242734C8 ) at dilution of 1:200, CL594-phalloidin (red).