

For Research Use Only

CoraLite® Plus 488-conjugated HNRNPC Monoclonal antibody

Catalog Number: CL488-68447



Basic Information

Catalog Number:

CL488-68447

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG2356

GenBank Accession Number:

BC003394

GeneID (NCBI):

3183

UNIPROT ID:

P07910

Full Name:

heterogeneous nuclear ribonucleoprotein C (C1/C2)

Calculated MW:

32 kDa

Observed MW:

36-40 kDa

Purification Method:

Protein G purification

CloneNo.:

2G8G4

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

Background Information

HNRNPC, also named as Heterogeneous nuclear ribonucleoproteins C1/C2, is a 306 amino acid protein, which contains 1 RRM (RNA recognition motif) domain and belongs to the RRM HNRNPC family. HNRNPC localizes in the nucleus. It binds pre-mRNA and nucleates the assembly of 40S hnRNP particles. HNRNPC may play a role in the early steps of spliceosome assembly and pre-mRNA splicing. HNRNPC can act as a tetramer and is involved in the assembly of 40S hnRNP particles and plays a role with CSDE1 in internal initiation of translation during mitosis.

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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

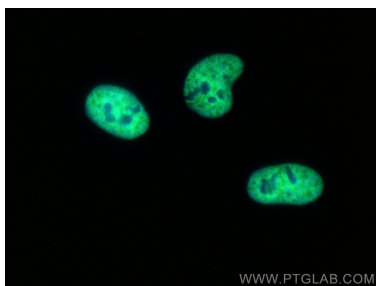
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

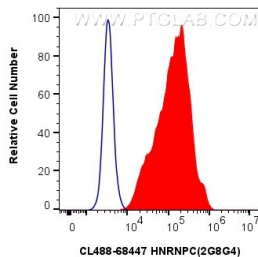
E: proteintech@ptglab.com
W: ptglab.com

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 HeLa cells using CoraLite® Plus 488 HNRNPC antibody (CL488-68447, Clone: 2G8G4) at dilution of 1:200.



1x10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated HNRNPC Monoclonal antibody (CL488-68447, Clone:2G8G4) (red), or 0.4 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (1F8D3) (CL488-66360-1, Clone: 1F8D3) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).