

For Research Use Only

CoraLite® Plus 488-conjugated HNRNPC Monoclonal antibody



Catalog Number: **CL488-68447**

Basic Information

Catalog Number:

CL488-68447

Size:

1000 µg/ml

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 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, mouse, rat

Positive Controls:

IF: 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:

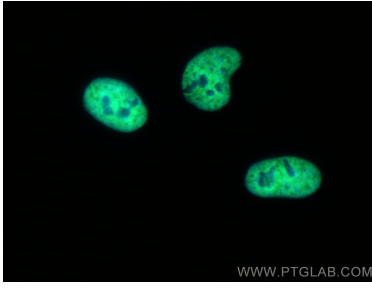
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 HNRNPC antibody (CL488-68447, Clone: 2G8G4) at dilution of 1:200.