

For Research Use Only

CoraLite® Plus 488-conjugated P130 Recombinant monoclonal antibody

Catalog Number: CL488-87016



Basic Information

Catalog Number:

CL488-87016

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2382

GenBank Accession Number:

BC006769

GeneID (NCBI):

9221

UNIPROT ID:

Q14978

Full Name:

nucleolar and coiled-body
phosphoprotein 1

Calculated MW:

73 kDa

Observed MW:

120-130 kDa

Purification Method:

Protein A purification

CloneNo.:

252136E4

Recommended Dilutions:

IF/ICC: 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/ICC : HepG2 cells,

Background Information

Nucleolar and coiled-body phosphoprotein 1 (NOLC1) is a phosphoprotein that transiently associates with the mature nucleolar H/ACA and C/D box small nucleolar ribonucleoproteins (snoRNPs), guiding site-specific 2'-O-methylation and pseudouridylation of pre-rRNAs [PMID:21266110]. It contains a nuclear localization signal binding sequence and is thought to shuttle between the nucleolus and the cytoplasm. NOLC1 plays an essential role in the synthesis of rRNA and the biosynthesis of ribosomes [PMID:8972203].

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:

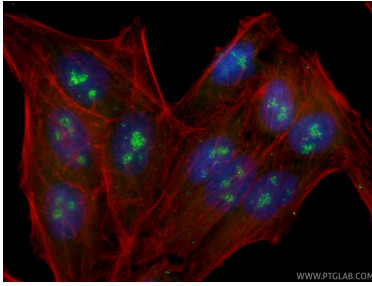
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 P130 antibody (CL488-87016, Clone: 252136E4) at dilution of 1:200, CL594-phalloidin (red).