

For Research Use Only

CoraLite® Plus 647-conjugated DCP1A Recombinant monoclonal antibody

Catalog Number: CL647-85047-5



Basic Information

Catalog Number:

CL647-85047-5

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18027

GenBank Accession Number:

BC007439

GeneID (NCBI):

55802

UNIPROT ID:

Q9NPI6

Full Name:

DCP1 decapping enzyme homolog A
(S. cerevisiae)

Calculated MW:

582 aa, 63 kDa

Observed MW:

70-75 kDa

Purification Method:

Protein A purification

CloneNo.:

242553F2

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

DCP1 decapping enzyme homolog A (S. cerevisiae), known as mRNA-decapping enzyme 1A (DCP1A), is necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'-phosphorylated mRNA fragment and 7m-GDP. Contributes to the transactivation of target genes after stimulation by TGFβ1. This antibody specifically reacts with the 70kd DCP1A protein.

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:

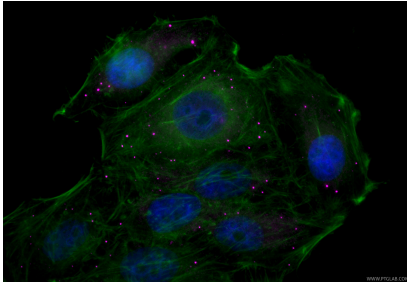
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 647 DCP1A antibody (CL647-85047-5, Clone: 242553F2) at dilution of 1:200, CL488-phalloidin (green).