

For Research Use Only

CoraLite® Plus 647-conjugated DCP1A Recombinant monoclonal antibody

Catalog Number: CL647-85047-5



Basic Information

Catalog Number:	CL647-85047-5	GenBank Accession Number:	BC007439	Purification Method:	Protein A purification
Source:	Rabbit	GenID (NCBI):	55802	CloneNo.:	242553F2
Isotype:	IgG	UNIPROT ID:	Q9NP16	Recommended Dilutions:	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	AG18027	Full Name:	DCP1 decapping enzyme homolog A (S. cerevisiae)	Excitation/Emission maxima wavelengths:	654 nm / 674 nm
		Calculated MW:	582 aa, 63 kDa		
		Observed MW:	70-75 kDa		

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : HepG2 cells,

Species Specificity: human, mouse, rat

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 TGF β 1. This antibody specifically react with the 70kDa DCP1A protein.

Storage

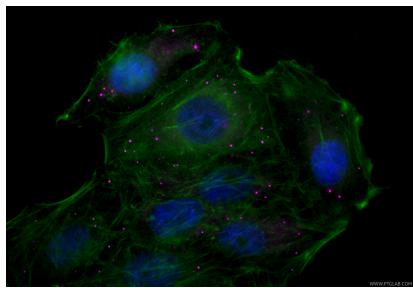
Storage: Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer: PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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).