

For Research Use Only

# CoraLite® Plus 647-conjugated DCP1A Recombinant monoclonal antibody

Catalog Number: CL647-85047-5



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL647-85047-5	BC007439	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100μl, Concentration: 1000 ug/ml by Nanodrop;	55802	242553F2
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q9NP16	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	DCP1 decapping enzyme homolog A (S. cerevisiae)	wavelengths:
Immunogen Catalog Number:	Calculated MW:	654 nm / 674 nm
AG18027	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 TGFβ1. This antibody specifically react with the 70kDa DCP1A protein.

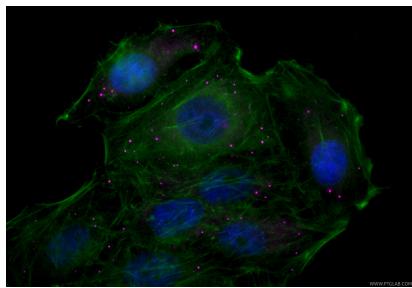
## Storage

**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:  
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

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## 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).