

For Research Use Only

# CoraLite® Plus 647-conjugated HSP60 Recombinant monoclonal antibody

Catalog Number: CL647-86275



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL647-86275	BC003030	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
1000 μl, Concentration: 1000 ug/ml by Nanodrop;	3329	250248D1
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P10809	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	heat shock 60kDa protein 1 (chaperonin)	wavelengths:
Immunogen Catalog Number:	Calculated MW:	654 nm / 674 nm
AG7401	61 kDa	
	Observed MW:	
	60 kDa	

## Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : HepG2 cells,
Species Specificity:	
human	

## Background Information

HSPD1, also known as HSP60, belongs to the chaperonin family and acts as a chaperone to enhance cell survival under physiological stresses. Hsp60 has been shown to be connected with many aspects of cell functions such as protein folding and assembling of polypeptide chains in mitochondria. Recently it has been reported that HSP60 is associated with apoptosis or inhibition of cancer cell growth. (21822415)

## Storage

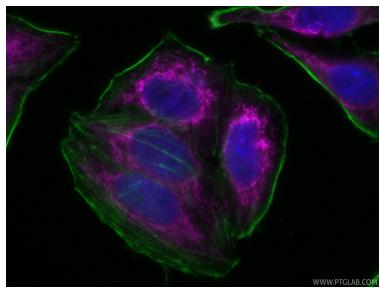
Storage: Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
Storage Buffer: PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

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 HSP60 antibody (CL647-86275, Clone: 250248D1) at dilution of 1:200, CL488-phalloidin (green).