

For Research Use Only

# CoraLite®594-conjugated HSP60 Recombinant monoclonal antibody

Catalog Number: CL594-86275



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL594-86275	BC003030	Protein A purification
Size:	GenelD (NCBI):	CloneNo.:
100ul, Concentration: 1000 ug/ml by 3329		250248D1
Nanodrop;	UNIPROT ID:	Recommended Dilutions:
	P10809	IF/ICC: 1:50-1:500
Source:	Full Name:	Excitation/Emission maxima
Rabbit	heat shock 60kDa protein 1	wavelengths:
Isotype:	(chaperonin)	588 nm / 604 nm
IgG	Calculated MW:	
Immunogen Catalog Number:	61 kDa	
AG7401	Observed MW:	
	60 kDa	

## Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC: HeLa 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)

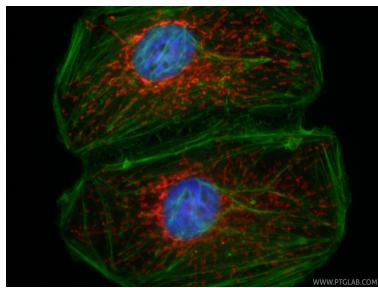
## Storage

**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

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite®594 HSP60 antibody (CL594-86275, Clone: 250248D1) at dilution of 1:200, CL488-phalloidin (green).