

For Research Use Only

# CoraLite®594-conjugated HSP60 Recombinant monoclonal antibody

Catalog Number: CL594-86275



## Basic Information

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

## Applications

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

## 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:

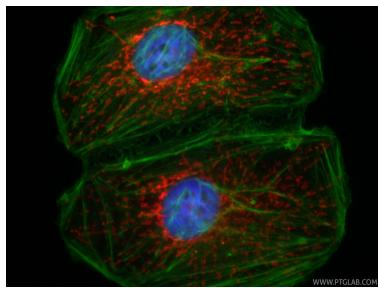
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



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