

For Research Use Only

# CoraLite®594-conjugated HSP60 Monoclonal antibody



Catalog Number: CL594-66041 **1 Publications**

## Basic Information

Catalog Number:

CL594-66041

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7848

GenBank Accession Number:

BC003030

GeneID (NCBI):

3329

UNIPROT ID:

P10809

Full Name:

heat shock 60kDa protein 1  
(chaperonin)

Calculated MW:

61 kDa

Observed MW:

60 kDa

Purification Method:

Protein G purification

CloneNo.:

2F10E7

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC

Cited Applications:

FC

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

IF : HepG2 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)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yavuz F Yazicioglu	37095377	Nat Immunol	FC

## 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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

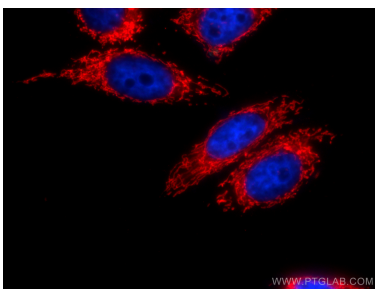
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 CL594-66041 (HSP60 antibody) at dilution of 1:50.