

For Research Use Only

CoraLite® Plus 488-conjugated HSP60 Recombinant monoclonal antibody

Catalog Number: CL488-86275



Basic Information

Catalog Number:

CL488-86275

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7401

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 A purification

CloneNo.:

250248D1

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : 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)

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:

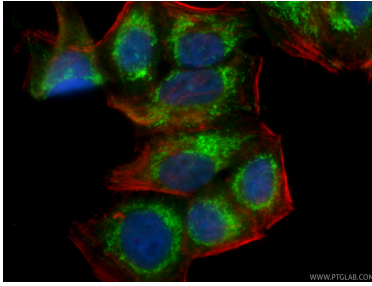
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 HSP60 antibody (CL488-86275, Clone: 250248D1) at dilution of 1:200, CL594-phalloidin (red).