

For Research Use Only

# CoraLite® Plus 488-conjugated HSP47/SERPINH1 Monoclonal antibody

Catalog Number: CL488-67863



## Basic Information

Catalog Number:

CL488-67863

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30999

GenBank Accession Number:

BC014623

GeneID (NCBI):

871

UNIPROT ID:

P50454

Full Name:

serpin peptidase inhibitor, clade H  
(heat shock protein 47), member 1,  
(collagen binding protein 1)

Calculated MW:

46 kDa

Observed MW:

46 kDa

Purification Method:

Protein G purification

CloneNo.:

2A8F6

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells, HeLa cells

## Background Information

### 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:

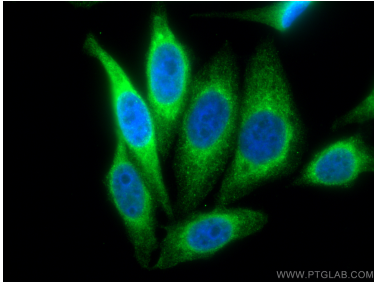
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

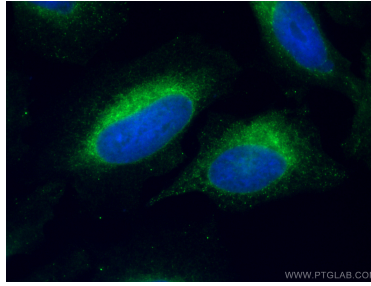
W: [ptgcn.com](http://ptgcn.com)

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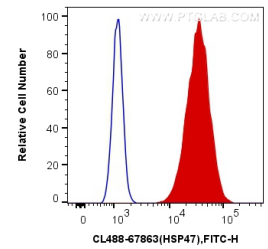
## Selected Validation Data



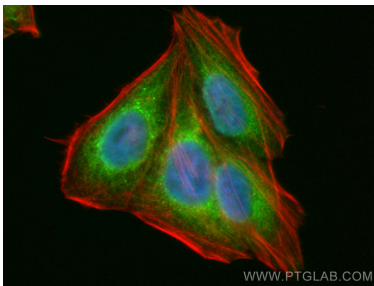
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 HSP47 antibody (CL488-67863, Clone: 2A8F6) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 HSP47 antibody (CL488-67863, Clone: 2A8F6) at dilution of 1:200.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human HSP47 (CL488-67863, Clone:2A8F6) (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 HSP47 antibody (CL488-67863, Clone: 2A8F6) at dilution of 1:200, CL594-phalloidin (red).