

For Research Use Only

CoraLite® Plus 488-conjugated HSP47 Monoclonal antibody



Catalog Number: CL488-67863

Basic Information

Catalog Number:

CL488-67863

Size:

1000 µg/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 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra), IF/ICC

Species Specificity:

Human, mouse, rat

Positive Controls:

IF : 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:

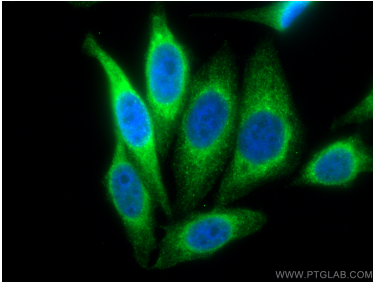
T: 4006900926

E: Proteintech-CN@ptglab.com

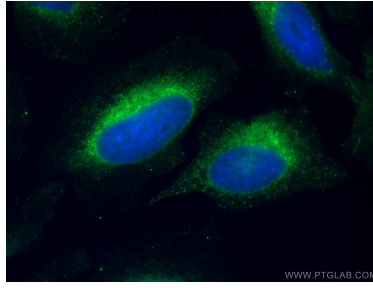
W: ptgcn.com

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

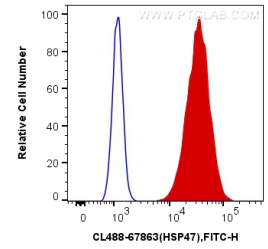
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 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.



1X10⁶ 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).