

For Research Use Only

# CoraLite® Plus 488-conjugated HSP47 Monoclonal antibody



Catalog Number: CL488-67863

## Basic Information

<b>Catalog Number:</b> CL488-67863	<b>GenBank Accession Number:</b> BC014623	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 871	<b>CloneNo.:</b> 2A8F6
<b>Source:</b> Mouse	<b>Full Name:</b> serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 46 kDa	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG30999	<b>Observed MW:</b> 46 kDa	

## Applications

<b>Tested Applications:</b> FC (Intra), IF	<b>Positive Controls:</b> IF : HepG2 cells, HeLa cells
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

### Storage

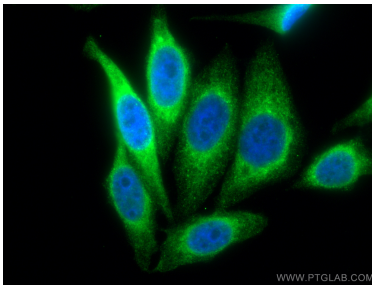
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

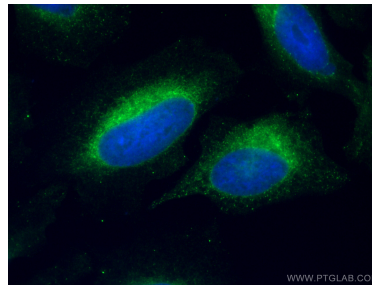
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

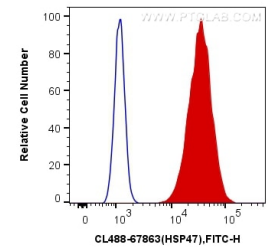
## Selected Validation Data



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.



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).