

For Research Use Only

# CoraLite® Plus 488-conjugated SRP54 Recombinant monoclonal antibody

Catalog Number: CL488-84014-6



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>CL488-84014-6                        | <b>GenBank Accession Number:</b><br>BC003389           | <b>Purification Method:</b><br>Protein A purification             |
| <b>Size:</b><br>100ul , Concentration: 1000 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>6729                          | <b>CloneNo.:</b><br>241125G1                                      |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>P61011                           | <b>Recommended Dilutions:</b><br>IF/ICC: 1:50-1:500               |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>signal recognition particle 54kDa | <b>Excitation/Emission maxima wavelengths:</b><br>493 nm / 522 nm |
| <b>Immunogen Catalog Number:</b><br>AG2327                     | <b>Calculated MW:</b><br>54 kDa                        |   |
|  | <b>Observed MW:</b><br>54 kDa                          |   |

## Applications

|   |  |
|---|--|
| <b>Tested Applications:</b><br>IF/ICC       | <b>Positive Controls:</b><br>IF/ICC : HepG2 cells, |
| <b>Species Specificity:</b><br>human, mouse |  |

## Background Information

The signal recognition particle (SRP) is a ribonucleoprotein complex that mediates the targeting of proteins to the endoplasmic reticulum (ER). The complex consists of a 7S (or 7SL) RNA and 6 different proteins, and signal recognition particle 54 (SRP54) is one of them. SRP54 binds to the signal sequence of presecretory protein as they emerge from the translating ribosomes, and then transfers them to translocating chain-associating membrane protein (TRAM).

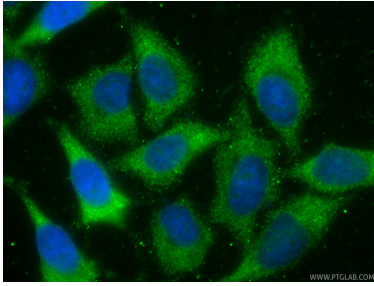
## Storage

**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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://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 (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 SRP54 antibody (CL488-84014-6, Clone: 241125G1 ) at dilution of 1:200.