

For Research Use Only

# CoraLite® Plus 488-conjugated SEC61B Polyclonal antibody



Catalog Number: CL488-15087

## Basic Information

<b>Catalog Number:</b> CL488-15087	<b>GenBank Accession Number:</b> BC001734	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10952	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P60468	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> Sec61 beta subunit	
<b>Immunogen Catalog Number:</b> AG7169	<b>Calculated MW:</b> 10 kDa	
	<b>Observed MW:</b> 10-15 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HepG2 cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

The heteromeric SEC61 complex is composed of alpha, beta and gamma subunits. Oligomers of the SEC61 complex form a transmembrane channel where proteins are translocated across and integrated into the ER membrane (PMID: 10212142). SEC61B is the beta subunit of the SEC61 complex. It has been reported that SEC61B facilitates cotranslational protein transport and interacts with the signal peptidase during translocation (PMID: 9585408).

## 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:  
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E: proteintech@ptglab.com  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 SEC61B antibody (CL488-15087) at dilution of 1:200.