

For Research Use Only

CoraLite® Plus 488-conjugated SRP19 Recombinant antibody

Catalog Number: CL488-84061-3



Basic Information

Catalog Number: CL488-84061-3	GenBank Accession Number: BC010947	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 6728	CloneNo.: 241219E9
Source: Rabbit	UNIPROT ID: P09132	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: signal recognition particle 19kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG8903	Calculated MW: 144 aa, 16 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human, mouse	

Background Information

The signal recognition particle (SRP) is one of the few functional small RNP particles. The SRP couples the synthesis of membrane and secretory proteins across or into the endoplasmic reticulum (ER) membrane in eukaryotes, as well as across the bacterial plasma membrane, and chloroplast thylakoid membranes. The mammalian SRP is composed of a 7S (or 7SL) RNA and six different proteins, SRP9, SRP14, SRP19, SRP54, SRP68 and SRP72. All of the components of SRP, including SRP RNA, participate directly in the overall protein targeting process. SRP19 binds directly to 7S RNA and mediates binding of the 54 kDa subunit of the SRP. SRP19 was shown to significantly enhance SRP54 attachment to helix 8 of 7SL RNA.

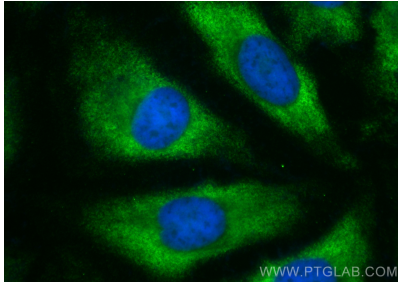
Storage

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:
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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 HeLa cells using CoraLite® Plus 488 SRP19 antibody (CL488-84061-3, Clone: 241219E9) at dilution of 1:200.