

For Research Use Only

CoraLite® Plus 488-conjugated SUN2 Recombinant monoclonal antibody

Catalog Number:CL488-85103-3



Basic Information

Catalog Number: CL488-85103-3	GenBank Accession Number: BC111717	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 25777	CloneNo.: 242533G3
Source: Rabbit	UNIPROT ID: Q9UH99	Recommended Dilutions: IF/ICC: 1:300-1:1200
Isotype: IgG	Full Name: unc-84 homolog B (C. elegans)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG16077	Calculated MW: 717 aa, 80 kDa	
	Observed MW: 80-85 kDa	

Applications

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

Background Information

SUN2, also known as UNC84B, RAB5IP, belongs to the SUN (Sad1 and UNC84) protein family, which is a group of conserved proteins in eukaryotes. SUN2 is a key component of the LINC (Linker of Nucleoskeleton and Cytoskeleton) complex, which connects the nuclear lamina to the cytoskeleton. This connection is crucial for the transmission of mechanical forces across the nuclear envelope and for nuclear movement and positioning (PMID: 18396275).

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

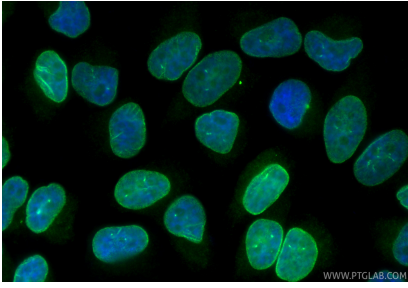
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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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 (4% PFA) fixed HeLa cells using CoraLite® Plus 488 SUN2 antibody (CL488-85103-3, Clone: 242533G3) at dilution of 1:600.