

For Research Use Only

CoraLite® Plus 488-conjugated SUN2 Recombinant monoclonal antibody

Catalog Number:CL488-85103-3



Basic Information

Catalog Number:

CL488-85103-3

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16077

GenBank Accession Number:

BC111717

GeneID (NCBI):

25777

UNIPROT ID:

Q9UH99

Full Name:

unc-84 homolog B (C. elegans)

Calculated MW:

717 aa, 80 kDa

Observed MW:

80-85 kDa

Purification Method:

Protein A purification

CloneNo.:

242533G3

Recommended Dilutions:

IF/ICC: 1:300-1:1200

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

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:

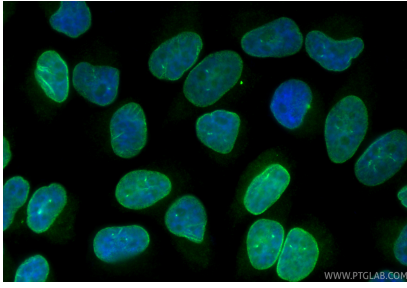
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.