

For Research Use Only

CoraLite® Plus 488-conjugated NUP85 Recombinant antibody

Catalog Number:CL488-83288



Basic Information

Catalog Number: CL488-83288	GenBank Accession Number: BC000697	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 79902	CloneNo.: 240116A2
Source: Rabbit	UNIPROT ID: Q9BWZ7	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: nucleoporin 85kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG7086	Calculated MW: 75 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human	

Background Information

This gene encodes a protein component of the Nup107-160 subunit of the nuclear pore complex. NPCs are key for nucleocytoplasmic transport, but also regulate the mitotic machinery, transcription and chromatin organization through transport-independent mechanisms. The NUP107-160 complex is acknowledged to contribute to the assembly and maintenance of the NPC structure. Members of this largest subcomplex of the NPC associate with kinetochores, mitotic spindles, centrosomes and mitotic checkpoint regulators for proper completion of the cell cycle. Downregulation of NUP107-160 subcomplex members resulted in defective cytokinesis, compromised microtubule structures, altered cytoskeletal dynamics, impaired chromosome segregation and differentiation. (PMID:34170319)

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

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

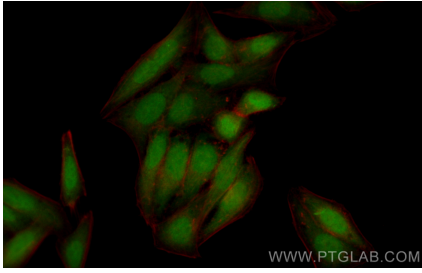
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 NUP85 antibody (CL488-83288, Clone: 240116A2) at dilution of 1:200.