

For Research Use Only

CoraLite® Plus 488-conjugated NUP50 Monoclonal antibody



Catalog Number: CL488-67001

Basic Information

Catalog Number: CL488-67001	GenBank Accession Number: BC028125	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 10762	CloneNo.: 1D5A7
Source: Mouse	UNIPROT ID: Q9UIK7	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	Full Name: nucleoporin 50kDa	
Immunogen Catalog Number: AG15144	Calculated MW: 468 aa, 50 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human

Background Information

Nup50 (also known as Npap60) is a nucleoporin that binds directly to importin α and their interaction plays an important role in nuclear import. Nup50 is a mobile nucleoporin localized primarily in the nuclear basket of the nuclear pore complex (NPC) and in the nucleoplasm. Human Nup50 has two isoforms: Npap60L (1-469 aa), and its alternatively spliced isoform, Npap60S (29-469 aa) of Npap60L.

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:

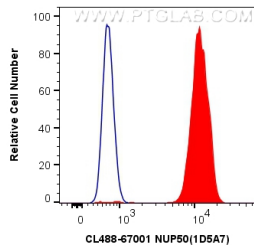
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HL-60 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human NUP50 (CL488-67001, Clone:1D5A7) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).