

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:

100ul , Concentration: 1000 ug/ml by Nanodrop;

GeneID (NCBI):

10762

CloneNo.:

1D5A7

Source:

Mouse

UNIPROT ID:

Q9UIK7

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Isotype:

IgG1

Full Name:

nucleoporin 50kDa

Calculated MW:

468 aa, 50 kDa

Immunogen Catalog Number:

AG15144

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:

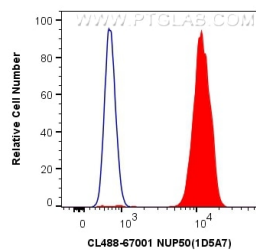
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

W: ptglab.com

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).