

For Research Use Only

APC-conjugated NAT10 Monoclonal antibody

Catalog Number: APC-67465

Featured Product



Basic Information

Catalog Number:

APC-67465

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG4355

GenBank Accession Number:

BC035558

GeneID (NCBI):

55226

UNIPROT ID:

Q9H0A0

Full Name:

N-acetyltransferase 10 (GCN5-related)

Calculated MW:

1025 aa, 116 kDa

Observed MW:

116 kDa

Purification Method:

Protein A purification

CloneNo.:

3E3D8

Recommended Dilutions:

FC (Intra): 0.4 ug per 10^6 cells in a 100 μ l suspension

Excitation/Emission maximum wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

FC (Intra) : NIH/3T3 cells,

Background Information

NAT10 (N-acetyltransferase 10) is a nucleolar protein that is involved in regulation of telomerase activity, DNA damage response, and cytokinesis. It also plays a role in maintaining nuclear shape. Inhibition of NAT10 has been reported to rescue the misshapen nuclei in laminopathic cells via microtubule reorganization.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

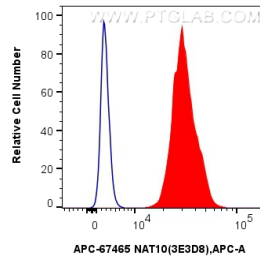
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 NIH/3T3 cells were intracellularly stained with 0.4 μ g APC-conjugated NAT10 Monoclonal antibody (APC-67465, Clone:3E3D8)(red), or APC Mouse IgG2a Isotype Control (C1.18.4) (APC-65208, Clone: C1.18.4)(blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).