

For Research Use Only

CoraLite®594-conjugated NAT10 Monoclonal antibody



Catalog Number:CL594-67465

Basic Information

Catalog Number: CL594-67465	GenBank Accession Number: BC035558	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 55226	CloneNo.: 3E3D8
Source: Mouse	Full Name: N-acetyltransferase 10 (GCN5- related)	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG2a	Calculated MW: 1025 aa, 116 kDa	
Immunogen Catalog Number: AG4355	Observed MW: 116 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, mouse, rat

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

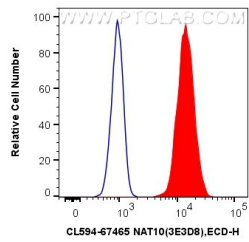
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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
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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 NIH/3T3 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human NAT10 (CL594-67465, Clone:3E3D8) (red), or 0.4 ug CoraLite®594 Mouse IgG2a Isotype Control (C1.18.4) (CL594-65208, Clone: C1.18.4) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.