

For Research Use Only

# CoraLite®594-conjugated NAT10 Monoclonal antibody



Catalog Number:CL594-67465

## Basic Information

Catalog Number:

CL594-67465

Size:

1000 µg/ml

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

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## 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

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

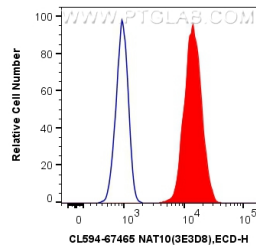
T: 4006900926

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## Selected Validation Data



1X10<sup>6</sup> 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.