

Recombinant NAT10 Monoclonal Antibody

Catalog Number:E-AB-81427



Note: Centrifuge before opening to ensure complete recovery of vial contents.

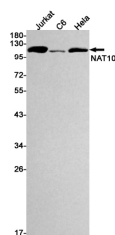
Description

Reactivity	Human,Rat
Immunogen	Recombinant protein of human NAT10
Host	Rabbit
Isotype	IgG
Clone	R05-1C8
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

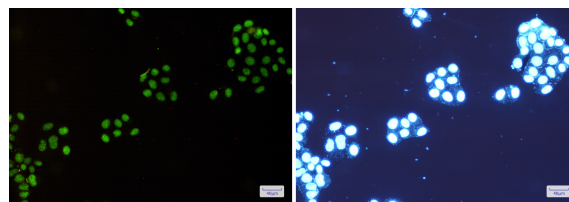
WB	1:500-1:1000
IF	1:100-1:200

Data



Western blot detection of NAT10 in Jurkat,C6,HeLa cell lysates using NAT10 Rabbit mAb(1:1000 diluted).Predicted band size:116kDa.Observed band size:116kDa.

Observed Mw:116kDa
Calculated Mw:116kDa



Immunofluorescence of NAT10(green) in HeLa cells using NAT10 Rabbit mAb at dilution 1:200, and DAPI(blue)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

NAT-10 (N-acetyltransferase 10) is a nuclear protein that belongs to the UPF0202 family. It has a single N-acetyltransferase domain that likely functions as a histone acetyltransferase. NAT10 functions primarily to regulate the activity of telomerase. It is upregulated in response to DNA damage and is likely to take part in genotoxic resistance and DNA repair. NAT-10 has a high binding potential for the promoter region of TERT which stimulates the production of telomerase. These varieties of function imply that human telomerase complexes have multiple functions rather than specific duties.

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