

## Nucleolin Antibody [clone 130CT43.8.5] (F40212)

Catalog No.	Formulation	Size
F40212-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40212-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

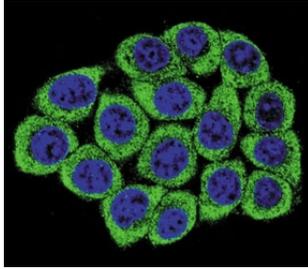
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1
<b>Clone Name</b>	130CT43.8.5
<b>Purity</b>	Purified
<b>UniProt</b>	P19338
<b>Applications</b>	Western Blot : 1:500-1:1000 IHC (Paraffin) : 1:50-1:100 Immunofluorescence : 1:10-1:50
<b>Limitations</b>	This Nucleolin antibody is available for research use only.



Western blot analysis of Nucleolin antibody and 293 lysate. Predicted molecular weight is 77 kDa, observed size is 100~110 kDa.



Nucleolin antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle.



Confocal immunofluorescent analysis of Nucleolin antibody with 293 cells followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used as a nuclear counterstain (blue).

## Description

Nucleolin is the major nucleolar protein of growing eukaryotic cells. It is found associated with intranucleolar chromatin and pre-ribosomal particles. It induces chromatin decondensation by binding to histone H1. It is thought to play a role in pre-rRNA transcription and ribosome assembly. May play a role in the process of transcriptional elongation. Binds RNA oligonucleotides with 5'-UUAGGG-3' repeats more tightly than the telomeric single-stranded DNA 5'-TTAGGG-3' repeats. [UniProt]

## Application Notes

Titration of the Nucleolin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This Nucleolin antibody was produced from mice immunized with a protein from human NCL.

## Storage

Aliquot the Nucleolin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.