

#### **Anti-Nucleolin Rabbit Monoclonal Antibody**

**Catalog # ABO16550** 

## **Specification**

#### **Anti-Nucleolin Rabbit Monoclonal Antibody - Product Information**

Application WB, IHC, IF, ICC

Primary Accession
Host
Rabbit
Isotype
IgG

Reactivity Rat, Human, Mouse

Clonality Monoclonal Format Liquid

**Description** 

Anti-Nucleolin Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

# Anti-Nucleolin Rabbit Monoclonal Antibody - Additional Information

**Gene ID 4691** 

**Other Names** 

Nucleolin, Protein C23, NCL

Calculated MW 100-110 kDa KDa

**Application Details** 

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200

**Contents** 

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen** 

A synthesized peptide derived from human Nucleolin

**Purification** 

Affinity-chromatography

Storage Store at -20°C for one year. For short term

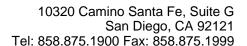
storage and frequent use, store at 4°C for

up to one month. Avoid repeated

freeze-thaw cycles.

## **Anti-Nucleolin Rabbit Monoclonal Antibody - Protein Information**

**Name NCL** 





#### **Function**

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.

### **Cellular Location**

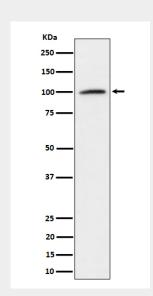
Nucleus, nucleolus. Cytoplasm. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs

### **Anti-Nucleolin Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **Anti-Nucleolin Rabbit Monoclonal Antibody - Images**



Western blot analysis of Nucleolin expression in K562 cell lysate.