

# Anti-Nucleolin Rabbit Monoclonal Antibody

Catalog # ABO16369

## Product Information

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|--------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                                                     |
| <b>Primary Accession</b> | <a href="#">P19338</a>                                                                                 |
| <b>Host</b>              | Rabbit                                                                                                 |
| <b>Isotype</b>           | IgG                                                                                                    |
| <b>Reactivity</b>        | Human                                                                                                  |
| <b>Clonality</b>         | Monoclonal                                                                                             |
| <b>Format</b>            | Liquid                                                                                                 |
| <b>Description</b>       | Anti-Nucleolin Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human. |

## Additional Information

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| <b>Gene ID</b>             | 4691                                                                                                                                       |
| <b>Other Names</b>         | Nucleolin, Protein C23, NCL                                                                                                                |
| <b>Calculated MW</b>       | 76614                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000                                                                                                                            |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 29N05                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human Nucleolin                                                                                         |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | 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. |

## Protein Information

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| <b>Name</b>     | NCL                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Function</b> | 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 |

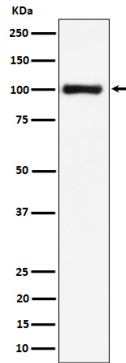
DNA 5'- TTAGGG-3' repeats.

### Cellular Location

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

### Images

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Western blot analysis of Nucleolin expression in HeLa cell lysate.

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