

Product Datasheet

Nucleolin Antibody (364-5 + NCL/902) [Janelia Fluor® 646] NBP2-47862JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47862JF646

Nucleolin Antibody (364-5 + NCL/902) [Janelia Fluor® 646]

| Product Information | |
|---------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | 364-5 + NCL/902 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa/IgG1 Kappa |
| Conjugate | Janelia Fluor 646 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Host | Mouse |
| Gene ID | 4691 |
| Gene Symbol | NCL |
| Species | Human, Bovine (Negative), Mouse (Negative), Rat (Negative) |
| Reactivity Notes | Does not react with Mouse, Rat and Bovine. |
| Marker | Marker of Human Cells |
| Specificity/Sensitivity | Recognizes a protein of ~76kDa, which is identified as Nucleolin (NCL). It is the major nucleolar phosphoprotein of growing eukaryotic cells. NCL is located mainly in dense fibrillar regions of the nucleolus. It is found associated with intranucleolar chromatin and pre-ribosomal particles. Human NCL gene consists of 14 exons with 13 introns and spans approximately 11kb. It induces chromatin decondensation by binding to histone H1. It is thought to play a role in pre-rRNA transcription and ribosome assembly. This monoclonal antibody can be used to stain the nucleoli in cell or tissue preparations and can be used as a marker of the nucleoli in subcellular fractions. It produces a speckled pattern in the nuclei of cells of normal and malignant cells and may be used to stain the nucleoli of cells in fixed or frozen tissue sections. It can be used with paraformaldehyde fixed frozen tissue or cell preparations and formalin fixed, paraffin-embedded tissue sections. |
| Immunogen | Lysate of SU-DHL-1 Nuclei (364-5); Recombinant human NCL protein (NCL/902) (Uniprot: P19338) |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-47862JF646

| | |
|---------------|--|
| NBP3-21345PEP | Nucleolin Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NBP3-39208 | Human Nucleolin ELISA Kit (Colorimetric) |
| AF835 | Caspase-3 Antibody [Unconjugated] - Active |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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