# **Product Datasheet**

# Nucleolin Antibody (364-5 + NCL/902) [mFluor Violet 500 SE] NBP2-47862MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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# NBP2-47862MFV500

**Product Information** 

Nucleolin Antibody (364-5 + NCL/902) [mFluor Violet 500 SE]

Unit Size		
Services   Store at 4C in the dark.	Unit Size	0.1 ml
Clonality Monoclonal Clone 364-5 + NCL/902 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa/IgG1 Kappa Conjugate mFluor Violet 500 SE 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 nucleous. It is found associated with intranucleolar chromatin and pre-inbosomal particles. Human CL 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-RNA transcription and ribosome assembly. This monoclonal antibody can be used to stain the nucleol in cell or tissue preparations and can be used as a marker of the nucleol in cells in fixed or frozen tissue sections. It can be used to stain the nucleol of cells in fixed or frozen tissue sections. It can be used to stain the nucleol of cells in fixed or frozen tissue sections. It can be used to stain the nucleol of cells in fixed or frozen tissue sections. It can be used to stain the nucleol of cells in fixed or frozen tissue sections. It can be used to stain the nucleol of cells in fixed or forcen tissue sections. It can be used to stain the nucleol of cells in fixed or forcen tissue sections. It can be used to stain the nucleol of cells in fixed or forcen tissue sections. It can be used to stain the nucleol of cells in fixed or forcen tissue sections. It can be used to stain the nucleol of cells in fixed or forcen tissue sections. It can be used to stain the nucleol of cells in fixed or forcen tissue sections. It can be used to stain the nucleol of cells in fixed or forcen tissue sections. It can be used to the datashed.	Concentration	· ·
Clone 364-5 + NCL/902  Preservative 0.05% Sodium Azide Isotype IgG1 Kappa/IgG1 Kappa  Conjugate mFluor Violet 500 SE 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 nucleous. It is found associated with intranucleolar chromatin and pre-irbosomal 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-irRNA transcription and ribosome assembly. This monoclonal antibody can be used to stain the nucleoll in cell or tissue preparations and can be used as a marker of the nucleoll in cell or tissue preparations and can be used as a marker of the nucleoll in frozen tissue sections. It can be used as a marker of the nucleoll in frozen tissue sections. It can be used as the nucleol of cells in fixed or frozen tissue sections. It can be used with paraformaldehyde fixed frozen tissues 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 mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  Product Application Details  Applications Western Biot, Flow Cytometry, Immunohistochemistry-Paraffin, (yTOF-ready, Immunofluorescence, CyTOF-ready)	Storage	Store at 4C in the dark.
Preservative   IgG1 Kappa/IgG1 Kappa	Clonality	Monoclonal
IgG1 Kappa/IgG1 Kappa	Clone	364-5 + NCL/902
Purity	Preservative	0.05% Sodium Azide
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 nucleoil in cell or tissue preparations and can be used as a marker of the nucleoil in subcellular fractions. It produces a speckled pattern in the nucleoil of cells of normal and malignant cells and may be used to stain the nucleoil of scells 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. It can be used with paraformaldehyde fixed frozen tissue or cell preparations and formalin fixed, paraffin-embedded tissue sections. It can be used to stain the nucleoil 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. It can be used to stain the nucleoil 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. It can be used with paraformaldehyde fixed frozen tissue sections. It can be used with paraformaldehyde fixed frozen tissue sections. It may be used to stain the nucleoil of cells for fixed frozen tissue se	Isotype	IgG1 Kappa/IgG1 Kappa
Buffer   SomM Sodium Borate	Conjugate	mFluor Violet 500 SE
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 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 nucleol in subcellular fractions. It produces a speckled pattern in the nucleol of cells in fixed or frozen tissue sections. It can be used to stain the nucleol in cell or insubcellular fractions. It produces a speckled pattern in the nucleol in cell frozen tissue or cell preparations and formalin fixed, paraffin-embedded fixed frozen tissue or cell preparations and formalin fixed, paraffin-embedded fixed frozen tissue or cell preparations and formalin fixed, paraffin-embedded fixed frozen tissue or cell preparations and formalin fixed paraffin embedded (Uniprot: P19338)  Notes mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  Product Application Details  Applications Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Imm	Purity	Protein A or G purified
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  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 subceillular fractions. It produces a speckled pattern in the nuclein fexel forozen 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 Britor (TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  Product Application Details  Applications Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunofluorescence, CyTOF-ready, Immunofluorescence, CyTOF-ready	Buffer	50mM Sodium Borate
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         mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.           Product Application Details           Ap	Product Description	
Species	Host	Mouse
Species	Gene ID	4691
Reactivity Notes  Does not react with Mouse, Rat and Bovine.  Marker  Marker of Human Cells  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.  Lysate of SU-DHL-1 Nuclei (364-5); Recombinant human NCL protein (NCL/902) (Uniprot: P19338)  Notes  mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  Product Application Details  Applications  Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready, Immunofluorescence, CyTOF-ready	Gene Symbol	NCL
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 nucleoi 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         mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.           Product Application Details         Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready	Species	Human, Bovine (Negative), Mouse (Negative), Rat (Negative)
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  Mestern SU-DHL-1 Nuclei (364-5); Recombinant human NCL protein (NCL/902) (Uniprot: P19338)  Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunofluorescence  Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence  Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready	Reactivity Notes	Does not react with Mouse, Rat and Bovine.
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  mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  Product Application Details  Applications  Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunofluorescence  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready	Marker	Marker of Human Cells
Notes    MFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.    Product Application Details	Specificity/Sensitivity	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
demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  Product Application Details  Applications  Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready	Immunogen	
Applications  Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready	Notes	demand. Actual recovery may vary from the stated volume of this product. The
Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready	Product Application Details	
Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready	Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready,
Application Notes Optimal dilution of this antibody should be experimentally determined.	Recommended Dilutions	Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin,
	Application Notes	Optimal dilution of this antibody should be experimentally determined.



# **Images**

Nucleolin Antibody (364-5 + NCL/902) [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue Centennial, CO 80112

USA

Phone: 303.730.1950 Toll Free: 1.888.506.6887

Fax: 303.730.1966 novus@novusbio.com

#### **Bio-Techne Ltd**

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

#### **Bio-Techne Canada**

21 Canmotor Ave Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402

canada.inquires@bio-techne.com

#### **General Contact Information**

www.novusbio.com

Technical Support: technical@novusbio.com

Orders: orders@novusbio.com General: novus@novusbio.com

# Products Related to NBP2-47862MFV500

NBP3-21345PEP Nucleolin Recombinant Protein Antigen

210-TA-005 TNF-alpha [Unconjugated]

H00004691-T02 Nucleolin 293T Cell Transient Overexpression Lysate

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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