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Images



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Overview

Quantity:	100 μg
Target:	Nucleolin (NCL)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nucleolin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunostaining (ISt), Staining Methods (StM)

Product Details

3	Recombinant full-length human NCL protein
Clone:	NCL-902
Isotype:	IgG1 kappa
Specificity:	Recognizes a protein of \sim 76 kDa, 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 Mouse 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.

Product Details

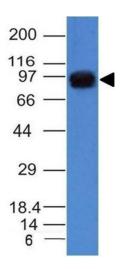
Product Details	
	It can be used with paraformaldehyde fixed frozen tissue or cell preparations and formalin
	fixed, paraffin-embedded tissue sections.
No Cross-Reactivity:	Cow (Bovine), Mouse (Murine), Rat (Rattus)
Purification:	Purified by Protein A/G
Target Details	
Target:	Nucleolin (NCL)
Alternative Name:	NCL (NCL Products)
Molecular Weight:	76kDa
Gene ID:	4691
UniProt:	P19338
Pathways:	Ribonucleoprotein Complex Subunit Organization
Application Details	
Application Notes:	Positive Control: HeLa, Jurkat cells. All human cells. Testis, Ovary, Uterus, Endometrial or
	Hodgkin's lymphoma.
	Known Application: Flow Cytometry (0.5-1 μ g/million cells), Immunofluorescence (0.5-1 μ
	g/mL), Western Blot (0.5-1 μg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1.0 μg/mL for
	30 minutes at RT)(Staining of formalin-fixed tissues is enhanced by boiling tissue sections in
	10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal
	dilution for a specific application should be determined.
Restrictions:	For Research Use only
Handling	
Concentration:	200 μg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C

Handling

Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody
	is stable for 24 months. Non-hazardous. No MSDS required.

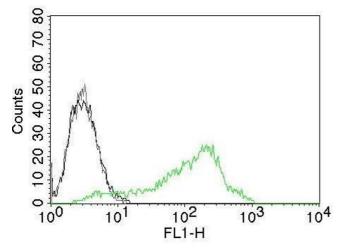
Expiry Date: 24 months

Images



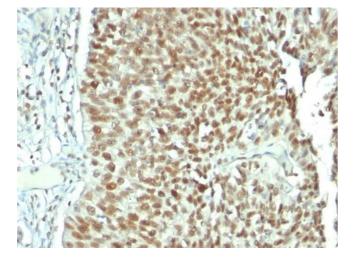
Western Blotting

Image 1. Western Blot of A431 cell lysate using Nucleolin Mouse Monoclonal Antibody (NCL/902).



Flow Cytometry

Image 2. Flow Cytometry of Human Nucleolin Ag on 293T cells. Black: cells alone; Grey: Isotype Control; Green: AF488-labeled Nucleolin Mouse Monoclonal Antibody (NCL/902).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Bladder carcinoma stained with Nucleolin Mouse Monoclonal Antibody (NCL/902).

Please check the product details page for more images. Overall 10 images are available for ABIN6940176.