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Images



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Overview

Quantity:	100 μg
Target:	Nucleolin (NCL)
Reactivity:	Human, Mouse, Rat, Cow, Pig, Rabbit, Guinea Pig, Chicken, Gerbil, Cat
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

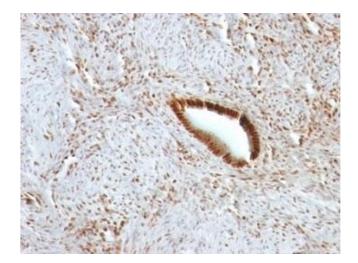
Immunogen:	Recombinant human protein was used as the immunogen for the Nucleolin antibody.
Clone:	NCL-902
Isotype:	lgG1
Purification:	Protein G affinity chromatography

Target Details

Target:	Nucleolin (NCL)
Alternative Name:	Nucleolin (NCL Products)
Background:	Recognizes a protein of ~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

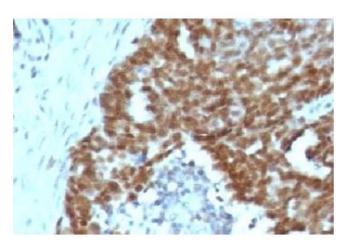
Target Details

	11kb. It induces chromatin decondensation by binding to histone H1. It is thought to play a role
	in pre-rRNA transcription and ribosome assembly.
Pathways:	Ribonucleoprotein Complex Subunit Organization
Application Details	
Application Notes:	Optimal dilution of the Nucleolin antibody should be determined by the researcher.
	1. Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate
	buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min
	2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After
	epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT
	for 30 min.\. Flow Cytometry: 0.5-1 μ g/million cells in 0.1ml,IF: 0.5-1 μ
	g/mL,Immunohistochemistry (FFPE): 0.25-0.5 μ g/mL for 30 min at RT (1),Western blot: 0.5-1 μ
	g/mL,Prediluted format: incubate for 30 min at RT (2)
Restrictions:	For Research Use only
Handling	
Concentration:	1 mg/mL
Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the Nucleolin antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Formalin-fixed, paraffin-embedded human uterus stained with Nucleolin antibody.



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Formalin-fixed, paraffin-embedded human ovarian carcinoma stained with Nucleolin antibody.

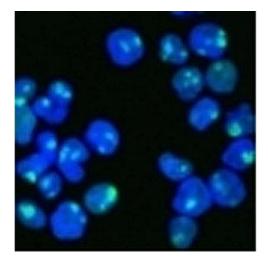


Image 3. HeLa cells stained with AF488 labeled Nucleolin antibody. Green: AF488-labeled Ab. Blue: DAPI.

Please check the product details page for more images. Overall 8 images are available for ABIN3025709.