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Datasheet for ABIN3025707 anti-Nucleolin antibody

9 Images

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Overview

Quantity:	100 µg
Target:	Nucleolin (NCL)
Reactivity:	Human, Mouse, Rat, Cow, Pig, Rabbit, Guinea Pig, Chicken, Cat, Gerbil
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nucleolin antibody is un-conjugated
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
lsotype:	lgG1
Purification:	Protein G affinity chromatography

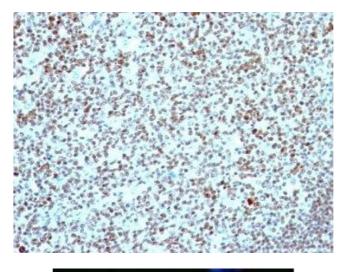
Target Details

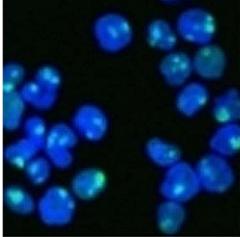
Target:	Nucleolin (NCL)
Alternative Name:	Nucleolin (NCL Products)
Background:	Recognizes a protein of ~76 kDa, which is identified as Nucleolin (NCL). It is the major nucleolar phosphoprotein of growing eukaryotic cells. NCL is located mainly in dense fibrillar
	regions of the nucleolus. It is found associated with intranucleolar chromatin and pre-ribosomal

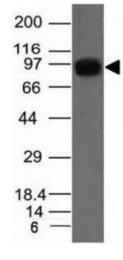
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Target Details	
	particles. Human NCL gene consists of 14 exons with 13 introns and spans approximately 11kb. It induces chromatin decondensation by binding to histone H1. It is thought to play a role in pre-rRNA transcription and ribosome assembly.
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 µg/million cells in 0.1ml,IF: 0.5-1 µ g/mL,Immunohistochemistry (FFPE): 0.25-0.5 µg/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:	0.2 mg/mL
Buffer:	0.2 mg/mL in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium 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,-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).

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Immunohistochemistry

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

Immunofluorescence

Image 2. HeLa cells stained with AF488 labeled Nucleolin antibody. Green: AF488-labeled Ab. Blue: DAPI.

Western Blotting

Image 3. Western blot of A431 cell lysate using Nucleolin antibody.

Please check the product details page for more images. Overall 9 images are available for ABIN3025707.

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