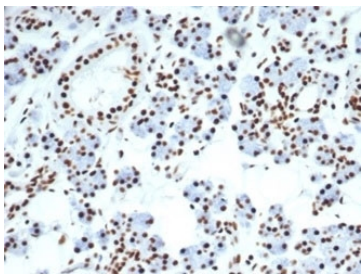
Nucleolin Antibody [clone NCL/7014R] (V8771)

Catalog No.	Formulation	Size
V8771-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8771-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8771SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

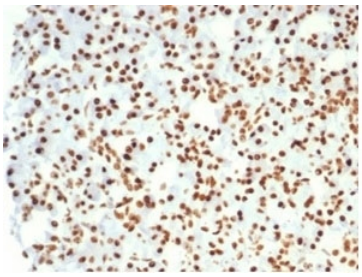
Recombinant RABBIT MONOCLONAL

Bulk quote request

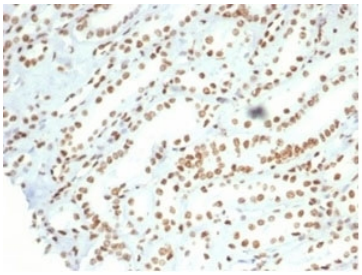
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	NCL/7014R
Purity	Protein A affinity chromatography
UniProt	P19338
Localization	Nucleoli
Applications	Flow cytometry: 1-2ug/million cells Immunofluorescence: 1-2ug/ml Western blot: 2-4ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This Nucleolin antibody is available for research use only.



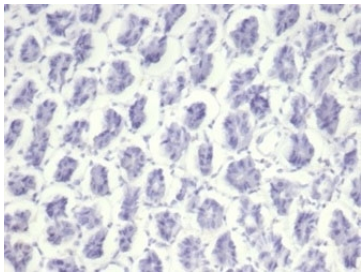
IHC staining of FFPE human salivary gland with Nucleolin antibody (clone NCL/7014R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



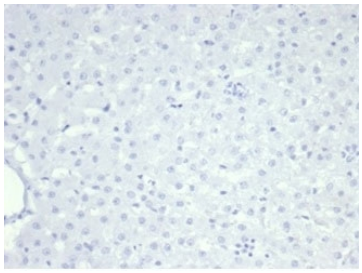
IHC staining of FFPE human kidney tissue with Nucleolin antibody (clone NCL/7014R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



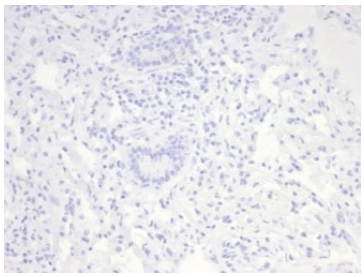
IHC staining of FFPE human kidney tissue with Nucleolin antibody (clone NCL/7014R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



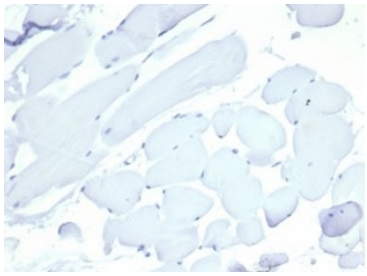
Negative: IHC staining of FFPE mouse stomach tissue with Nucleolin antibody (clone NCL/7014R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



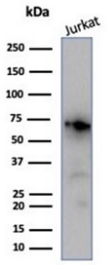
Negative: IHC staining of FFPE cat liver tissue with Nucleolin antibody (clone NCL/7014R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



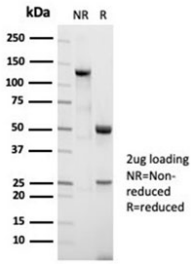
Negative: IHC staining of FFPE horse lung tissue with Nucleolin antibody (clone NCL/7014R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative: IHC staining of FFPE cow heart tissue with Nucleolin antibody (clone NCL/7014R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Western blot testing of human Jurkat cell lysate with Nucleolin antibody (clone NCL/7014R). Predicted molecular weight ~77 kDa, can be observed at 100~110 kDa.



SDS-PAGE analysis of purified, BSA-free Nucleolin antibody (clone NCL/7014R) as confirmation of integrity and purity.

Description

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 MAb 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.

Application Notes

Optimal dilution of the Nucleolin antibody should be determined by the researcher.

Immunogen

Recombinant full length human protein was used as the immunogen for the Nucleolin antibody.

Storage

Store the Nucleolin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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