

Product Datasheet

Nucleolin Antibody (NCL/7014R)

NBP3-11037-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-11037-100ug

Nucleolin Antibody (NCL/7014R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	NCL/7014R
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	76 kDa

Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-11038)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.</p>
Host	Rabbit
Gene ID	4691
Gene Symbol	NCL
Species	Human, Bovine (Negative), Mouse (Negative), Rat (Negative)
Reactivity Notes	Does not react with Mouse, Feline, Bovine, Canine or Equine.
Marker	Marker of Human Cells
Specificity/Sensitivity	<p>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.</p>
Immunogen	Recombinant full-length human Nucleolin protein (Uniprot: P19338)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry 1-2ug/ml, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml

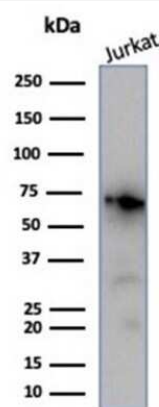


Application Notes

Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

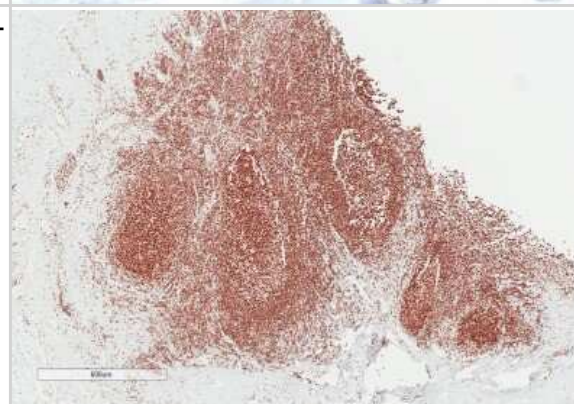
Western Blot: Nucleolin Antibody (NCL/7014R) [NBP3-11037] - Western blot analysis of Jurkat cell lysate using Nucleolin antibody (NCL/7014R).



Immunohistochemistry-Paraffin: Nucleolin Antibody (NCL/7014R) [NBP3-11037] - Formalin-fixed, paraffin-embedded cow heart stained with Nucleolin Antibody (NCL/7014R) at 2ug/ml. HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.



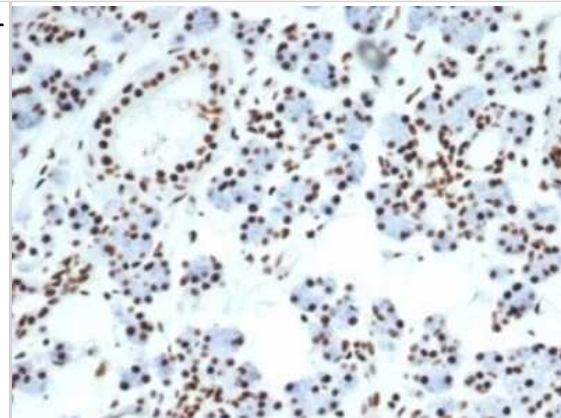
Immunohistochemistry-Paraffin: Nucleolin Antibody (NCL/7014R) [NBP3-11037] - Human tonsil stained with Nucleolin Antibody. IHC-P image submitted by a verified customer review.



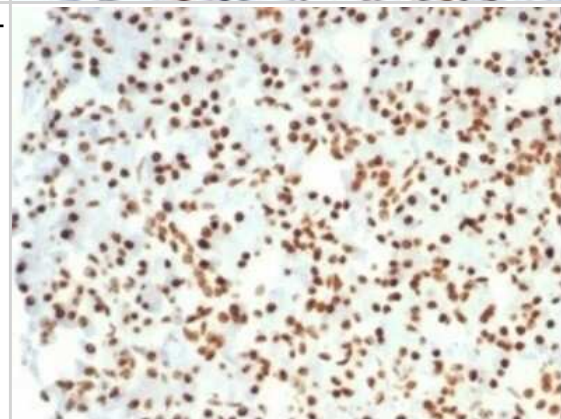
Immunohistochemistry-Paraffin: Nucleolin Antibody (NCL/7014R) [NBP3-11037] - Analysis of human cells administered in pig brain using Nucleolin antibody. Antibody did NOT stain porcine tissue allowing the presence of human cells to be determined. Primary antibody dilution 1:100. Image from verified customer review.



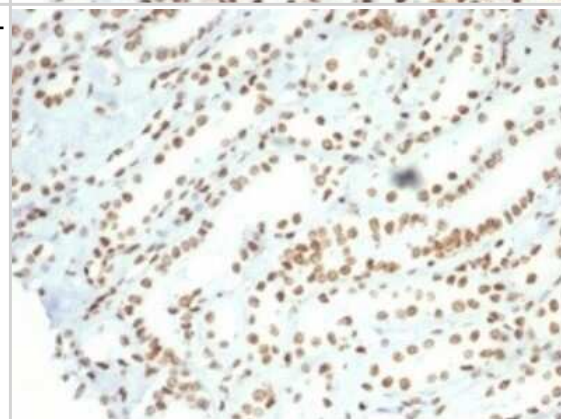
Immunohistochemistry-Paraffin: Nucleolin Antibody (NCL/7014R) [NBP3-11037] - Formalin-fixed, paraffin-embedded human salivary gland stained with Nucleolin Antibody (NCL/7014R). HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.



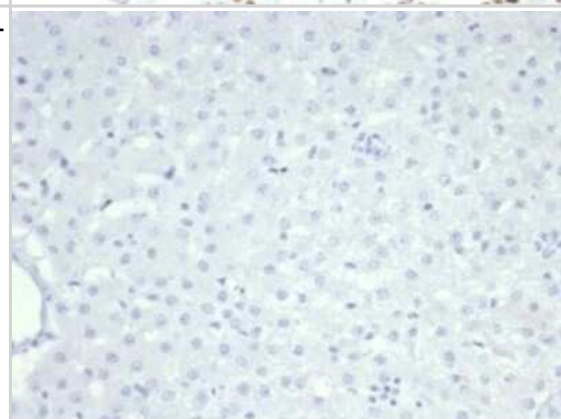
Immunohistochemistry-Paraffin: Nucleolin Antibody (NCL/7014R) [NBP3-11037] - Formalin-fixed, paraffin-embedded human kidney stained with Nucleolin Antibody (NCL/7014R).



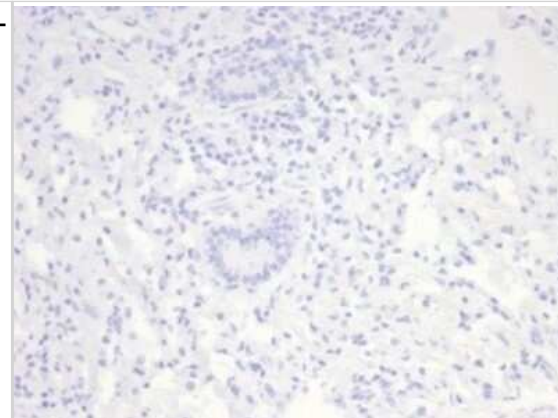
Immunohistochemistry-Paraffin: Nucleolin Antibody (NCL/7014R) [NBP3-11037] - Formalin-fixed, paraffin-embedded human kidney stained with Nucleolin Antibody (NCL/7014R).



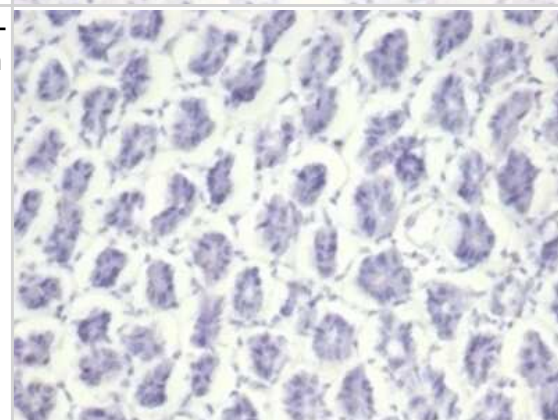
Immunohistochemistry-Paraffin: Nucleolin Antibody (NCL/7014R) [NBP3-11037] - Formalin-fixed, paraffin-embedded cat liver stained with Nucleolin Antibody (NCL/7014R) at 2ug/ml. HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.



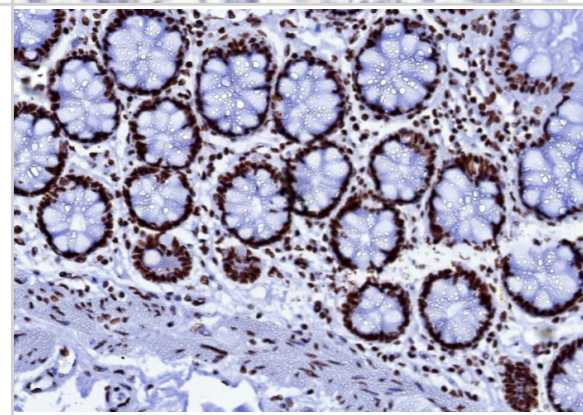
Immunohistochemistry-Paraffin: Nucleolin Antibody (NCL/7014R) [NBP3-11037] - Formalin-fixed, paraffin-embedded horse lung stained with Nucleolin Antibody (NCL/7014R) at 2ug/ml. HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.



Immunohistochemistry-Paraffin: Nucleolin Antibody (NCL/7014R) [NBP3-11037] - Formalin-fixed, paraffin-embedded mouse stomach stained with Nucleolin Antibody (NCL/7014R) at 2ug/ml. HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human colon stained with Nucleolin antibody (NCL/7014R) at 2ug/ml. HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.





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Products Related to NBP3-11037-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-88271PEP	Nucleolin Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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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