

Product Datasheet

Nucleoli Marker Antibody (NM95)

NBP2-32886-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-32886-0.1mg

Nucleoli Marker Antibody (NM95)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	NM95
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	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. (NBP2-34695) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Species	Human, Bovine (Negative), Mouse (Negative), Rat (Negative)
Reactivity Notes	Does not react with Mouse, Rat or Bovine.
Marker	Marker For Human Cells
Specificity/Sensitivity	This monoclonal antibody is an excellent marker for human cells in xenographic model research. It reacts specifically with human cells. This monoclonal antibody is part of a new panel of reagents, which recognizes subcellular organelles or compartments of human cells. These markers may be useful in identification of these organelles in cells, tissues, and biochemical preparations. monoclonal antibody NM95 recognizes an antigen associated with the nucleoli in human cells. It 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.
Immunogen	Nuclei of myeloid leukemia biopsy cells
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 0.25-0.5 ug/ml, Immunohistochemistry-Frozen 0.5-1.0ug/ml

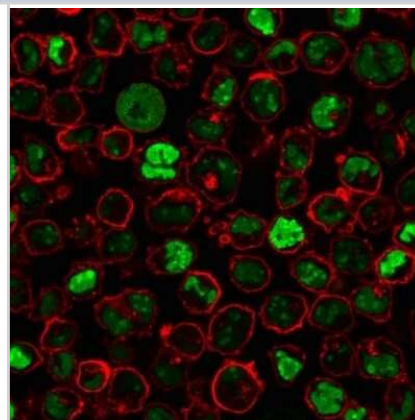


Application Notes

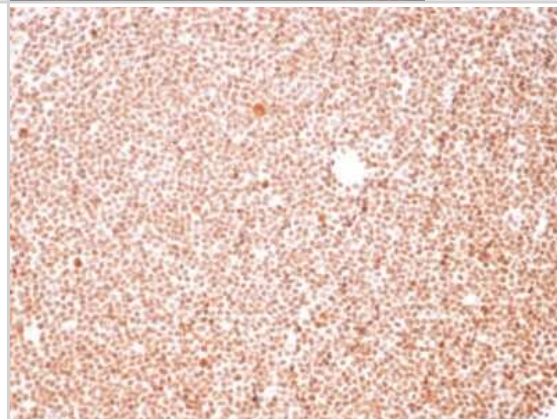
Immunocytochemistry (Acetone-fixed cells): 1-2ug/ml for 30 minutes at RT.
 Immunohistochemistry (Formalin-fixed): 0.25-0.5ug/ml for 30 minutes at RT.
 Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.
 Optimal dilution for a specific application should be determined.

Images

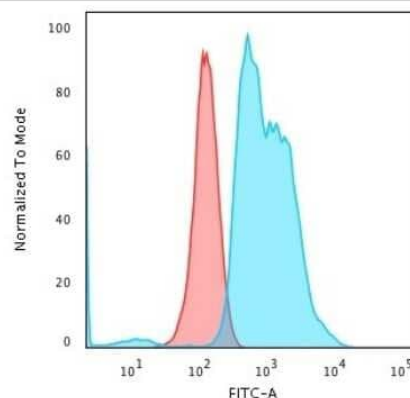
Immunocytochemistry/Immunofluorescence: Nucleoli Marker Antibody (NM95) [NBP2-32886] - Immunofluorescence Analysis of PFA-fixed K562 cells labeling Nucleolin with followed by Goat anti-Mouse IgG-CF488 (Green). Membrane is stained with Phalloidin-CF640.



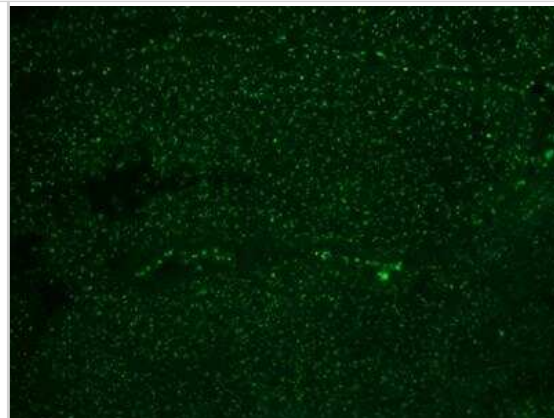
Immunohistochemistry-Paraffin: Nucleoli Marker Antibody (NM95) [NBP2-32886] - Formalin-fixed, paraffin-embedded human Tonsil stained with Nucleoli Marker Antibody (NM95).



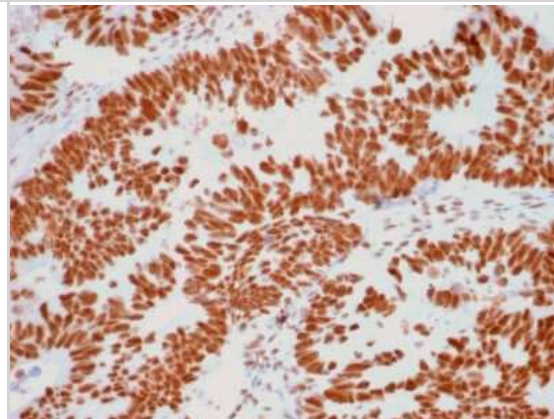
Flow Cytometry: Nucleoli Marker Antibody (NM95) [NBP2-32886] - Flow Cytometric Analysis of PFA-fixed K562 cells using Nucleoli Marker Antibody (NM95) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red)



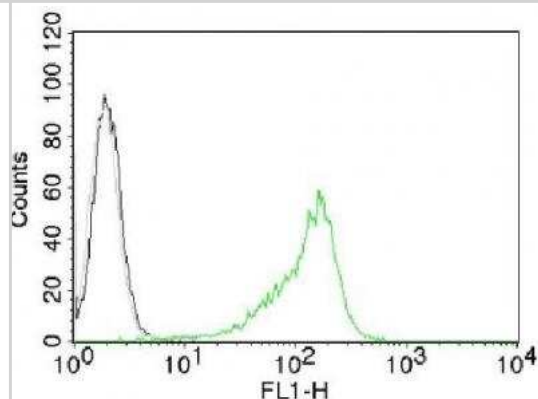
Immunohistochemistry-Paraffin: Nucleoli Marker Antibody (NM95) [NBP2-32886] - Staining of human colon ca.



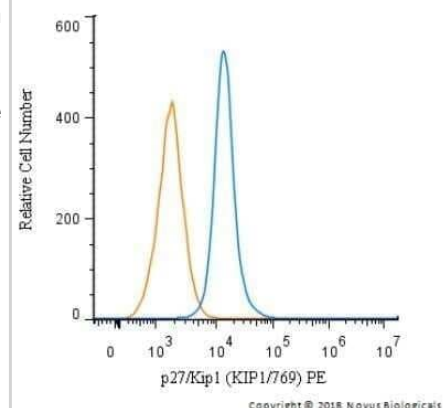
Immunohistochemistry-Paraffin: Nucleoli Marker Antibody (NM95) [NBP2-32886] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Nucleoli Marker Antibody (NM95).



Flow Cytometry: Nucleoli Marker Antibody (NM95) [NBP2-32886] - Flow Cytometry of human nucleolar Ag on 293T cells Black: cells alone: Grey: isotype control: Green: AF488-labeled human Nucleolar Monoclonal antibody (NM95)



Flow (Intracellular): Nucleoli Marker Antibody (NM95) [NBP2-32886] - An intracellular stain was performed on Jurkat cells with p27/Kip1 Antibody (KIP1/769) NBP2-47769PE and a matched isotype control. Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.





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Products Related to NBP2-32886-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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