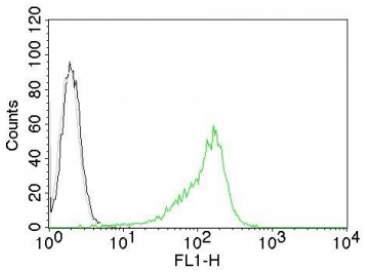
Human Nucleolar Antigen Antibody / Nucleoli Marker [clone NM95] (V2358CF488)

Catalog No.	Formulation	Size
V2358CF488-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

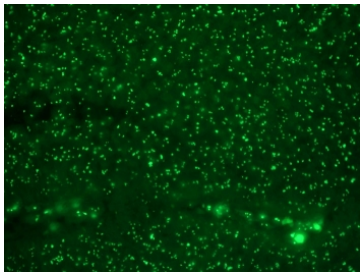
Citations (2)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	CF488 Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	NM95
Purity	Protein G affinity chromatography
Localization	Nuclear
Applications	Flow cytometry: 5ul per test per one 10^6 cells in 0.1ml or 5ul per 100ul of whole blood Immunofluorescence: 1-2ug/ml
Limitations	This Human Nucleolar Antigen antibody is available for research use only.



Intracellular FACS testing of human 293T cells with Human Nucleolar Antigen antibody (green), isotype control (black) and no primary (gray).



Immunofluorescent staining of FFPE colon carcinoma with Human Nucleolar Antigen antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

Description

This MAb 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. MAb 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.

Application Notes

Optimal dilution of the Human Nucleolar Antigen antibody should be determined by the researcher.

Immunogen

Nuclei of myeloid leukemia biopsy cells were used as the immunogen for the Human Nucleolar Antigen antibody.

Storage

Store the Human Nucleolar Antigen antibody at 2-8oC, protected from light.

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