Catalog # MSM2-95-CF488-100T
Product Datasheet

Human Nucleolar Antigen (Marker For Human Cells) Antibody

Mouse Monoclonal Antibody [Clone NM95]

Catalog No	Format	Size
MSM2-95-CF488-100T	Purified Ab conjugated to CF488	0.5 ml at 100ug/ml

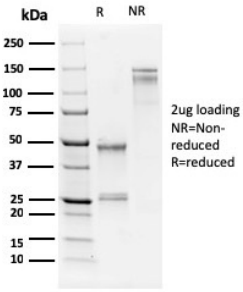
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

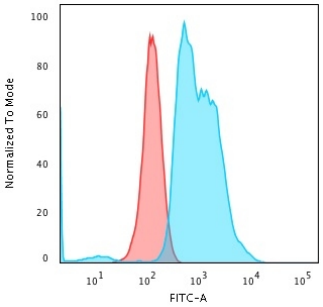
Clone	NM95
Gene Name	N/A
Immunogen	Nuclei of myeloid leukemia biopsy cells
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	Not Known
Cellular Localization	Nucleolus
Species Reactivity	Human
Positive Control	Any human cells. Tissues.

**Optimal dilution for a specific application should be determined.*

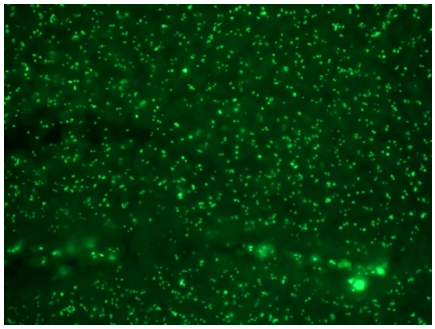
Product Images for Human Nucleolar Antigen (Marker For Human Cells) Antibody



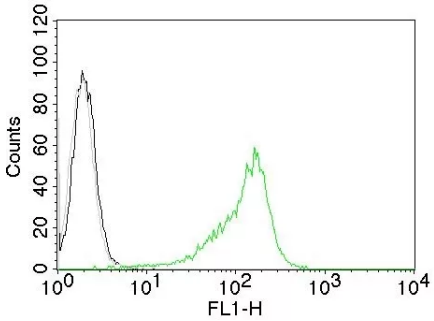
SDS-PAGE Analysis Purified Nucleolar Mouse Monoclonal Antibody (NM95). Confirmation of Purity and Integrity of Antibody



Flow Cytometric Analysis of PFA-fixed K562 cells using Nucleolar Mouse Monoclonal Antibody (NM95) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red)



Formalin-fixed, paraffin-embedded human Colon Carcinoma stained withCF488-labeled human Nucleolar Monoclonal Antibody (NM95).



Flow Cytometric Analysis of human Nucleolar Ag on 293T cells. Black: cells alone; Grey: Isotype Control; Green: CF488-labeled human Nucleolar Monoclonal Antibody (NM95).

Specificity & Comments

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.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.