



Datasheet for ABIN3026799
anti-Nuclear Marker antibody



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4 Images

Overview

Quantity:	100 µg
Target:	Nuclear Marker
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nuclear Marker antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Nuclei of HL60 cells were used as the immunogen for the Nuclear marker antibody.
Clone:	NM106
Isotype:	IgG1 kappa
No Cross-Reactivity:	Pig (Porcine)
Characteristics:	This mAb is an excellent marker for all nuclei in cells in tissues. It is a part of a new panel of reagents, which recognizes subcellular organelles or compartments of cells. These markers may be useful in identification of these organelles in cells, tissues, and biochemical preparations. This mAb recognizes an antigen associated with the nuclei in all cells. It can be used to stain the nuclei in cell or tissue preparations and can be used as a nuclear marker in subcellular fractions. It produces a speckled pattern in normal and malignant cells and may be used to stain the nuclei of cells in fixed tissue sections.

Product Details

Purification: Protein G affinity chromatography

Target Details

Target: Nuclear Marker

Abstract: [Nuclear Marker Products](#)

Background: This mAb is an excellent marker for all nuclei in cells in tissues. It is a part of a new panel of reagents, which recognizes subcellular organelles or compartments of cells. These markers may be useful in identification of these organelles in cells, tissues, and biochemical preparations. This mAb recognizes an antigen associated with the nuclei in all cells. It can be used to stain the nuclei in cell or tissue preparations and can be used as a nuclear marker in subcellular fractions. It produces a speckled pattern in normal and malignant cells and may be used to stain the nuclei of cells in fixed tissue sections.

Application Details

Application Notes: Optimal dilution of the Nuclear marker antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min. \. Flow Cytometry: 0.5-1 µg/million cells in 0.1ml, Immunofluorescence: 0.5-1 µg/mL, Immunocytochemistry (Acetone-fixed): 0.25-0.5 µg/mL for 30 min at RT, Immunohistochemistry (FFPE): 0.25-0.5 µg/mL for 30 min at RT (1), Prediluted format: incubate for 30 min at RT (2)

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: 1 mg/mL in 1X PBS, BSA free, sodium azide free

Preservative: Azide free

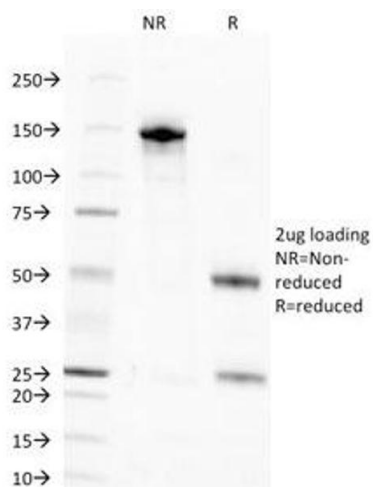
Storage: 4 °C, -20 °C

Storage Comment: Store the Nuclear marker antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



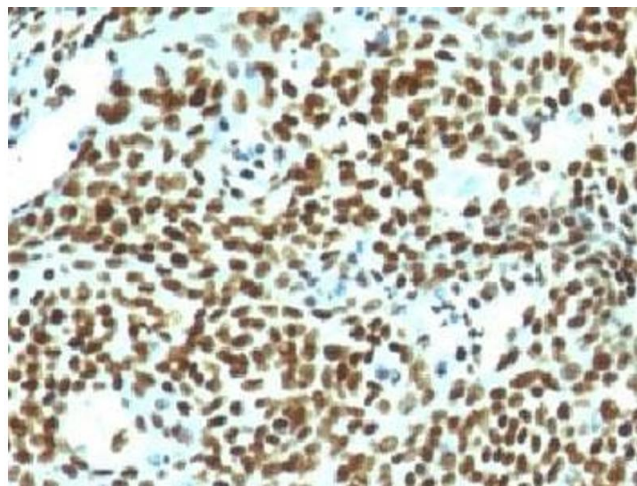
Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Formalin-fixed, paraffin-embedded rat colon stained with Nuclear marker antibody (NM106).



SDS-PAGE

Image 2. SDS-PAGE Analysis of Purified, BSA-Free Nuclear Marker Antibody (clone NM106). Confirmation of Integrity and Purity of the Antibody.



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 3. Formalin-fixed, paraffin-embedded human tonsil stained with Nuclear marker antibody (NM106).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3026799.