

Datasheet for MDB6941425
anti-Nuclear Antigen (Pan-Nuclear Marker) antibody

6 Images



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Overview

Quantity:	100 µg
Target:	Nuclear Antigen (Pan-Nuclear Marker)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunostaining (ISt), Staining Methods (StM)

Product Details

Immunogen:	Nuclei of HL60 cells
Clone:	NM106
Isotype:	IgG1 kappa
Specificity:	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 or frozen tissue sections. It can also be used with paraformaldehyde fixed frozen tissue or cell preparations.

Product Details

No Cross-Reactivity: Pig (Porcine)

Purification: Purified by Protein A/G

Target Details

Target: Nuclear Antigen (Pan-Nuclear Marker)

Application Details

Application Notes: Positive Control: All human cells. Tonsil.
Known Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(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 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

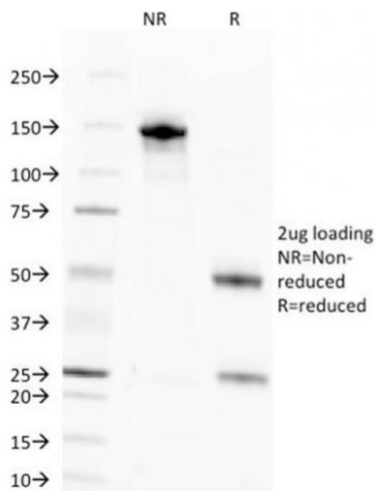
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

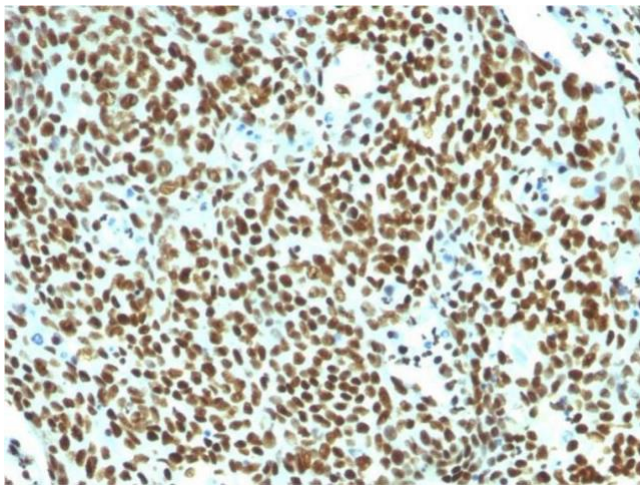
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



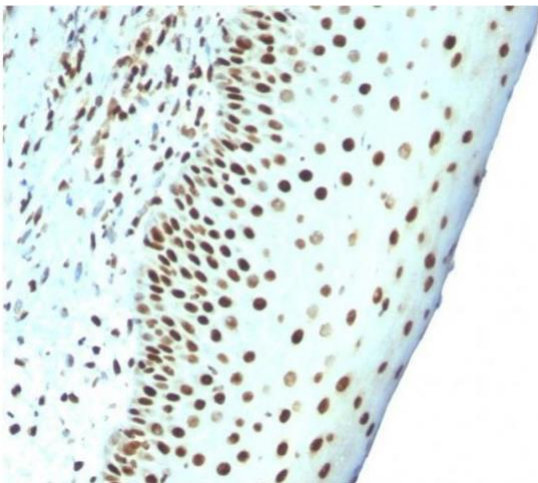
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified Pan-Nuclear Antigen Monoclonal Antibody (NM106). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Tonsil stained with Pan-Nuclear Antigen Monoclonal Antibody (NM106).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Tonsil stained with Pan-Nuclear Antigen Monoclonal Antibody (NM106).