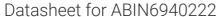
# antibodies -online.com





# Recombinant anti-NPM1 antibody (AA 185-287)

100 ...



**Images** 



Go to Product page

#### Overview

Quantity

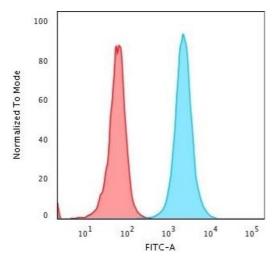
Quantity:	100 μg
Target:	NPM1
Binding Specificity:	AA 185-287
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This NPM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Staining Methods (StM)
Product Details	
Immunogen:	Recombinant human NPM1 protein fragment (aa185-287) (exact sequence is proprietary)
Clone:	RNPM1-1901
Isotype:	IgG1 kappa
Specificity:	Recognizes a 33 kDa glycoprotein, identified as Nucleophosmin (NPM). It is predominantly
	localized in the nucleus of cells in most tissues. NPM is involved in ribosomal assembly and
	rRNA transport. It is an abundant protein that is highly phosphorylated by Cdc2 kinase during
	mitosis. This phosphoprotein moves between the nucleus and the cytoplasm. It is thought to be
	involved in several processes including regulation of the APE/p53 pathway. A number of gangs

are fusion partners, in particular the anaplastic lymphoma kinase gene on chromosome 2.

Mutations in exon 12 affecting the C-terminus of the protein are associated with an aberrant

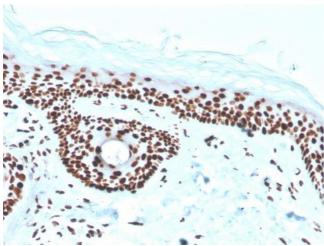
## **Product Details**

	cytoplasmic location. Mutations in this gene are associated with acute myeloid leukemia. The
	antibody may be a useful aid for classification of acute myeloid leukemia.
Purification:	Purified by Protein A/G
Target Details	
Target:	NPM1
Alternative Name:	NPM1 (NPM1 Products)
Molecular Weight:	33kDa
Gene ID:	4869
UniProt:	P06748
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly
Application Details	
Application Notes:	Positive Control: MCF-7, HeLa or A431 cell lysate (WB). Human skin or colon tissue (IHC).
	Known Application: Immunohistochemistry (Formalin-fixed. Not suitable for frozen tissues.)
	(0.5-1 $\mu$ g/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires 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. Antibod
	is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



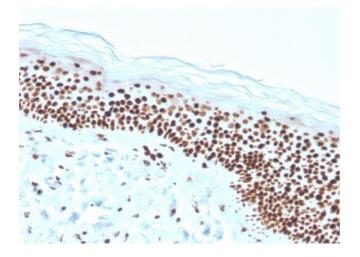
## **Flow Cytometry**

Image 1. Flow Cytometric Analysis of PFA fixed HeLa cells using NPM1 Recombinant Mouse Monoclonal Antibody (rNPM1/1901)followed by goat anti-mouse IgG-CF488 (Blue), Isotype Control (Red).



#### **Immunohistochemistry**

**Image 2.** Formalin-fixed, paraffin-embedded human skin stained with Nucleophosmin Recombinant Mouse Monoclonal Antibody (rNPM1/1901).



#### **Immunohistochemistry**

Image 3. Formalin-fixed, paraffin-embedded human skin stained with Nucleophosmin Recombinant Mouse Monoclonal Antibody (rNPM1/1901).

Please check the product details page for more images. Overall 5 images are available for ABIN6940222.