

# NPM1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues surrounding the amino-terminus of human NPM
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10977844

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:1,200	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50	-
Immunocytochemistry (ICC/IF)	1:100	-
ChIP assay (ChIP)	2.5 µg/10 <sup>6</sup> cells	-

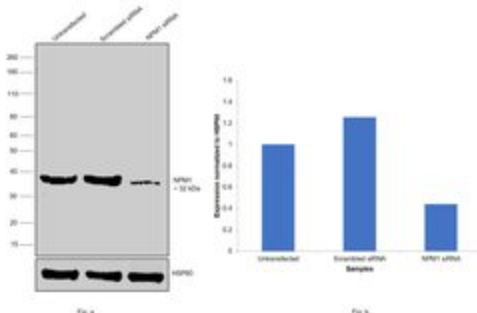
## Product Specific Information

It is not recommended to aliquot this antibody.

## Advanced Verification Data

### NPM1 Antibody (PA5-17742)

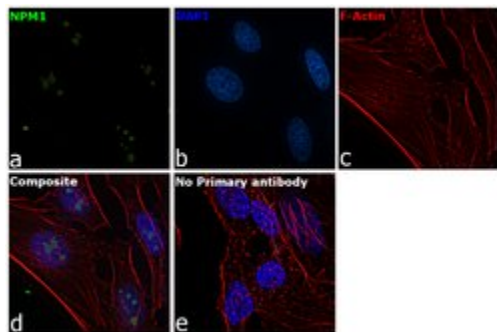
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with NPM1 siRNA and decrease in signal intensity was observed in western blot application using Anti-NPM1 Polyclonal Antibody (Product # PA5-17742). Knockdown validation info.



## Product Images For NPM1 Polyclonal Antibody

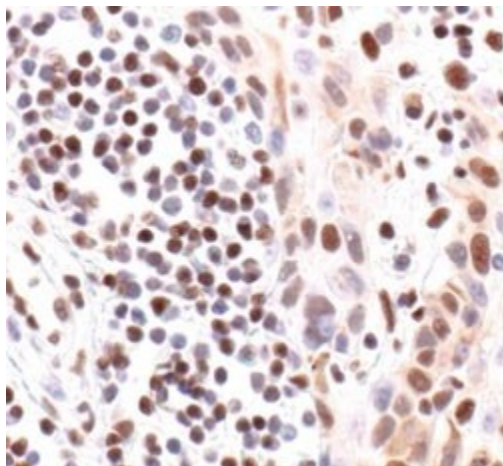
### NPM1 Antibody (PA5-17742) in ICC/IF

Immunofluorescence analysis of NPM1 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% Paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 10 minutes at room temperature. The cells were labeled with NPM1 Polyclonal Antibody (Product # PA5-17742) at 1:100 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Recombinant Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034, 1:2000 dilution) for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nucleolar localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



### NPM1 Antibody (PA5-17742) in IHC

Immunohistochemical analysis of NPM in paraffin-embedded human lung carcinoma using a NPM polyclonal antibody (Product # PA5-17742).



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