

**Product Name: NPM3 Mouse Monoclonal Antibody****Catalog #: AMM82949**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,ICC,ELISA,FC
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:200-1:1000,ICC 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	19kDa

**Antigen Information**

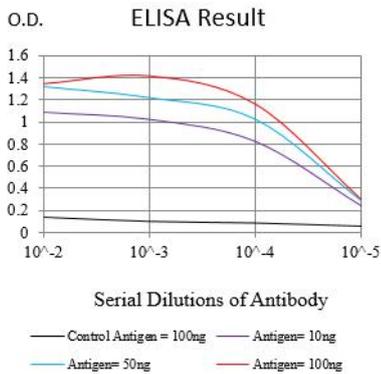
<b>Gene Name</b>	NPM3
<b>Alternative Names</b>	PORMIN; TMEM123
<b>Gene ID</b>	10360.0
<b>SwissProt ID</b>	O75607
<b>Immunogen</b>	Purified recombinant fragment of human NPM3 (AA: full 1-178) expressed in E. Coli.

**Background**

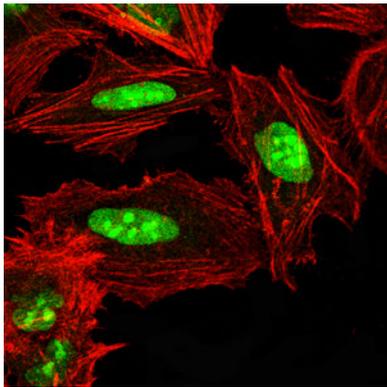
The protein encoded by this gene is related to the nuclear chaperone phosphoproteins, nucleoplasmin and nucleophosmin. This protein is strongly expressed in diverse cell types where it localizes primarily to the nucleus. Based on its similarity to nucleoplasmin and nucleophosmin, this protein likely functions as a molecular chaperone in the cell nucleus.

## Research Area

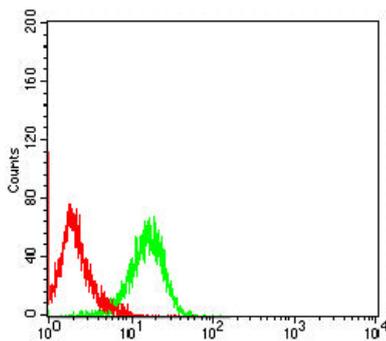
## Image Data



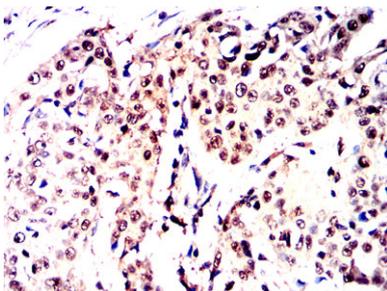
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



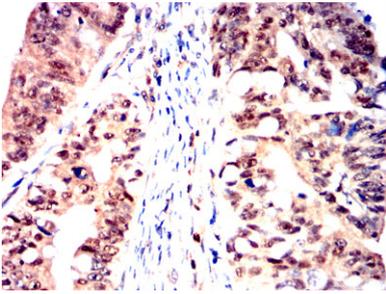
Immunofluorescence analysis of HeLa cells using NPM3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



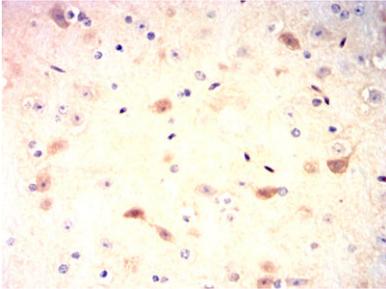
Flow cytometric analysis of Hek293 cells using NPM3 mouse mAb (green) and negative control (red).



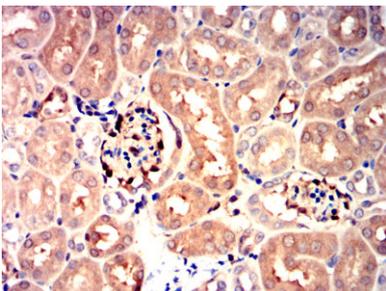
Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using NPM3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using NPM3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded mouse brain tissues using NPM3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissues using NPM3 mouse mAb with DAB staining.