

## NPM2 Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA4550
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2b
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human NPM2 (AA: 1-214) expressed in E. Coli.
<b>Mol wt</b>	24.1kDa
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	IHC,ICC
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	N/A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

NPM2 (Nucleophosmin/Nucleoplasmin 2) is a Protein Coding gene. Gene Ontology (GO) annotations related to this gene include nucleic acid binding and enzyme binding. An important paralog of this gene is NPM1.

### Recommended Dilution

WB: 1:500 - 1:2000

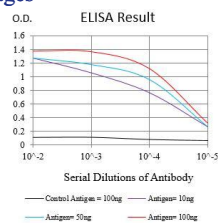
IHC-p: 1:200 - 1:1000

ICC: 1:100 - 1:400

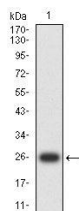
ELISA: 1:10000

Not yet tested in other applications.

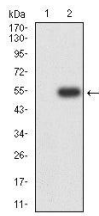
### Images



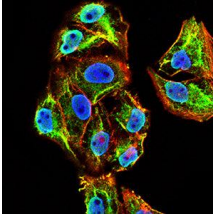
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



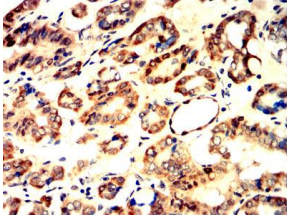
Western blot analysis using NPM2 mAb against human NPM2 (AA: 1-214) recombinant protein. (Expected MW is 27 kDa)



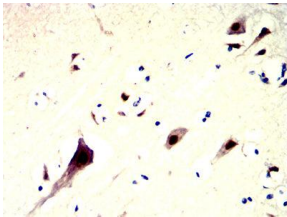
Western blot analysis using NPM2 mAb against HEK293-6e (1) and NPM2 (AA: 1-214)-hIgGFc transfected HEK293-6e (2) cell lysate.



Immunofluorescence analysis of HeLa cells using NPM2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Immunohistochemical analysis of paraffin-embedded thyroid cancer tissues using NPM2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human brain tissues using NPM2 mouse mAb with DAB staining.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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