Recombinant NPM1 Monoclonal Antibody

Description

This Recombinant NPM1 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	RMEA1235
Contents:	Recombinant NPM1 Monoclonal Antibody (50 µL, 100 µL) Bradford Reagent: 1 vial (2ml)
Clone:	C111235
Applications:	WB, IHC, IF, FCM
Reactivity:	Human, Mouse, Rat

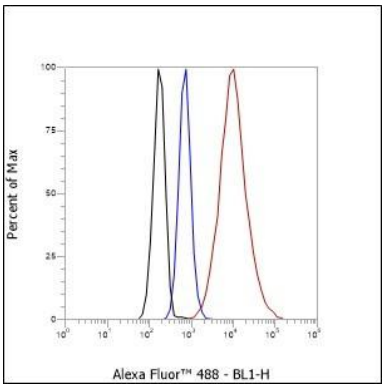
Antibody Data

Uniprot ID:	P06748
Size:	50 µL, 100 µL
Host Species:	Rabbit
Isotype:	Rabbit IgG
Conjugation:	Unconjugated
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

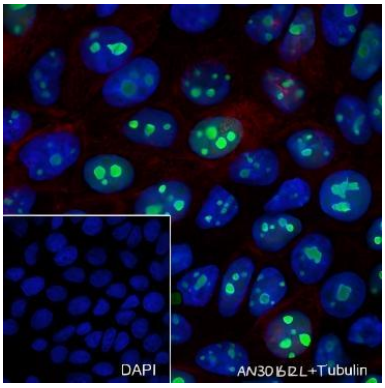
Preparation & Storage

Storage:	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Gel Pack
Preparation:	WB 1:500-1:2000, IHC 1:200-1:1000, IF 1:100-1:500, FCM 1:50-1:100
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol
Notes:	Centrifuge before opening to ensure complete recovery of vial contents.

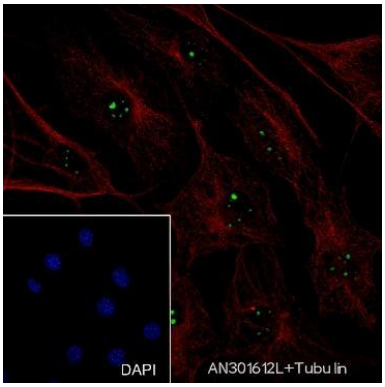
Validation Data



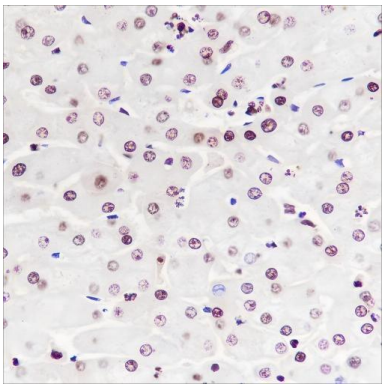
Flow cytometric analysis of human NPM1 expression on Hela cells. Cells were stained with purified anti-Human NPM1, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



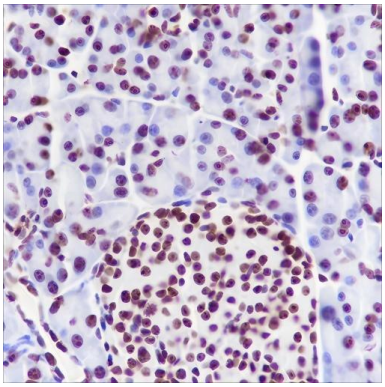
Immunofluorescent analysis of (4% Paraformaldehyde) fixed MCF-7 cells using anti-NPM1 Monoclonal Antibody at dilution of 1:500.



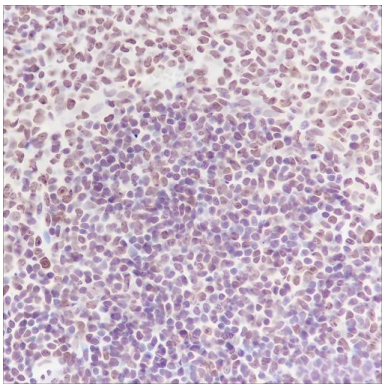
Immunofluorescent analysis of (4% Paraformaldehyde) fixed NIH/3T3 cells using anti-NPM1 Monoclonal Antibody at dilution of 1:500.



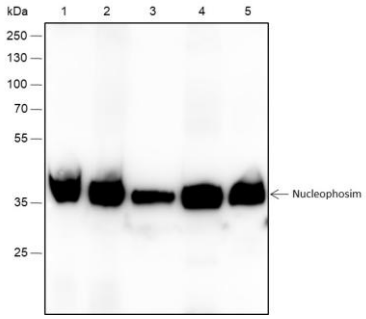
Immunohistochemistry of paraffin-embedded Human liver using NPM1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Mouse pancreas using NPM1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat spleen using NPM1 Monoclonal Antibody at dilution of 1:1000.



Western Blot with NPM1 Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa, Lane 2: Jurkat, Lane 3: MCF-7, Lane 4: NIH/3T3, Lane 5: PC-12 Observed-MW:37 kDa Calculated-MW:33 kDa

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.