

产品名称: NPM1 Mouse Monoclonal Antibody
产品货号: AMM85943



产品概述 (Summary)

产品名称 (Production Name)	NPM1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in TBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NPM1
别名 (Alternative Names)	Nucleophosmin, NPM, Nucleolar phosphoprotein B23, Nucleolar protein NO38, Numatrin, NPM1, NPM
基因 ID (Gene ID)	4869.0
蛋白 ID (SwissProt ID)	P06748. Purified His-tagged NPM1 protein was used to produced this monoclonal antibody.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500
蛋白分子量 (Molecular Weight)	32.6kDa

研究背景 (Background)

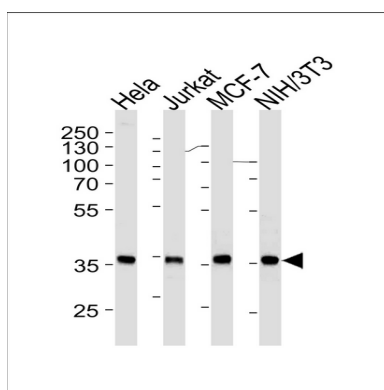
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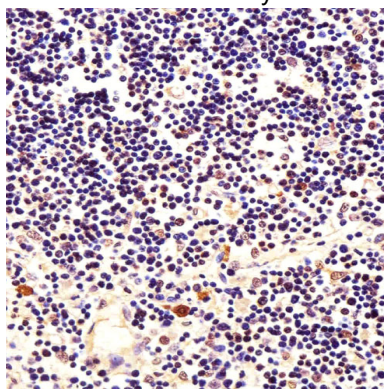
Involved in diverse cellular processes such as ribosome biogenesis, centrosome duplication, protein chaperoning, histone assembly, cell proliferation, and regulation of tumor suppressors p53/TP53 and ARF. Binds ribosome presumably to drive ribosome nuclear export. Associated with nucleolar ribonucleoprotein structures and bind single-stranded nucleic acids. Acts as a chaperonin for the core histones H3, H2B and H4. Stimulates APEX1 endonuclease activity on apurinic/apyrimidinic (AP) double-stranded DNA but inhibits APEX1 endonuclease activity on AP single-stranded RNA. May exert a control of APEX1 endonuclease activity within nucleoli devoted to repair AP on rDNA and the removal of oxidized rRNA molecules. In concert with BRCA2, regulates centrosome duplication. Regulates centriole duplication: phosphorylation by PLK2 is able to trigger centriole replication.

研究领域 (Research Area)

图片 (Image Data)



NPM1 Antibody (Cat. #AMM85943) western blot analysis in Hela, Jurkat, MCF-7, mouse NIH/3T3 cell line lysates (35µg/lane). This demonstrates the NPM1 antibody detected the NPM1 protein (arrow).



Immunohistochemical analysis of paraffin-embedded H. thymus section using NPM1 Antibody (Cat#AMM85943). AMM85943 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

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注意事项 (Note)

For research use only .