

产品名称: Nucleophosmin Mouse Monoclonal Antibody
产品货号: AMM80500



产品概述 (Summary)

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

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)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Nucleophosmin
别名 (Alternative Names)	B23; NPM
基因 ID (Gene ID)	4869.0
蛋白 ID (SwissProt ID)	P06748.Purified recombinant fragment of human NPM (2-265) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	33kDa

研究背景 (Background)

Nucleophosmin (NPM), also named B23 or NO38, is a major nucleolar protein which is 20 times more abundant in tumor or

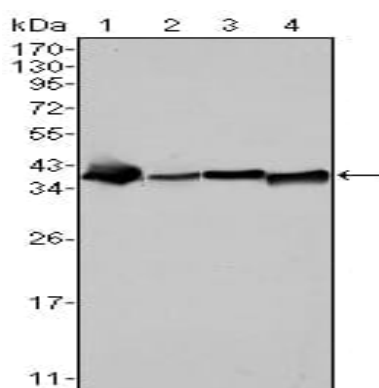
产品名称: Nucleophosmin Mouse Monoclonal Antibody
产品货号: AMM80500



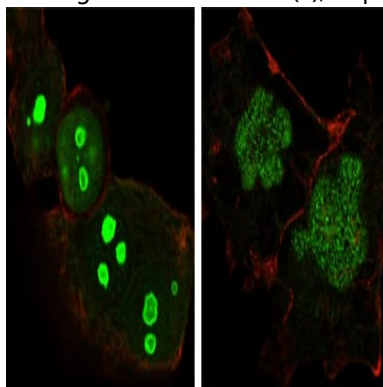
proliferating cells than in normal resting cells. NPM has been implicated in several distinct cellular functions, including assembly and transport of ribosomes, cytoplasmic/nuclear trafficking, regulation of DNA polymerase alpha activity, centrosome duplication and molecular chaperoning activities. The NPM is also known for its fusion with the anaplastic lymphoma kinase (ALK) receptor tyrosine kinase. The NPM portion contributes to transformation by providing a dimerization domain, which results in activation of the fused kinase.

研究领域 (Research Area)

图片 (Image Data)

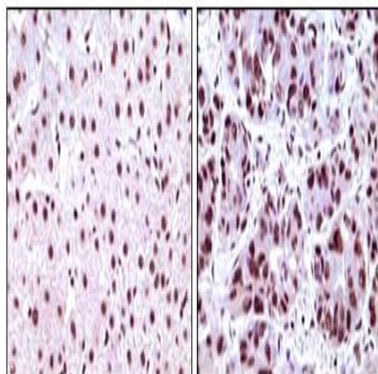


Western blot analysis using NPM mouse mAb against SMMC-7721 (1), HepG2 (2), HeLa (3) and HEK293 (4) cell lysate.



Confocal Immunofluorescence analysis of HeLa (left) and NTERA-2 (right) cells using NPM mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin.

产品名称: Nucleophosmin Mouse Monoclonal Antibody
产品货号: AMM80500



Immunohistochemical analysis of paraffin-embedded human liver carcinoma tissues, showing nuclear localization using NPM mouse mAb with DAB staining.

注意事项 (Note)

For research use only .