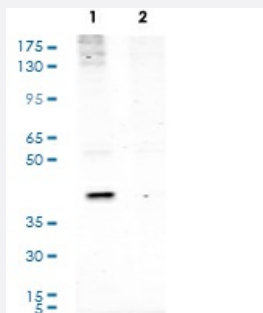


NPM1 (phospho S4) monoclonal antibody, clone A1

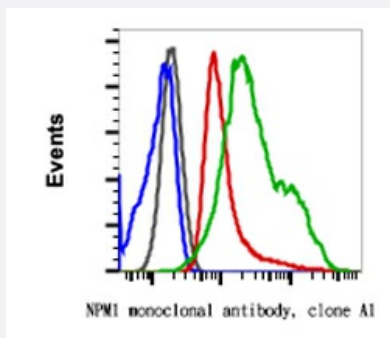
Catalog # MAB23394 Size 200 uL

Applications



Western Blot

Flow cytometric analysis of C6 cells with NPM1 (phospho Ser4) monoclonal antibody, clone A1 (Cat # MAB23394). Untreated (red) or treated with nocodazole (green)



Flow Cytometry

Flow cytometric analysis of C6 cells with NPM1 (phospho Ser4) monoclonal antibody, clone A1 (Cat # MAB23394). Untreated (red) or treated with nocodazole (green).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human NPM1.
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Ser4 of human phospho-NPM
Host	Rabbit
Reactivity	Human
Form	Liquid
Isotype	IgG1, kappa

Recommend Usage	Flow Cytometry (5 uL/million cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% NaN ₃ , 0.1% BSA, 50% Glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Flow cytometric analysis of C6 cells with NPM1 (phospho Ser4) monoclonal antibody, clone A1(Cat # MAB23394). Untreated (red) or treated with nocodazole (green)

- Flow Cytometry

Flow cytometric analysis of C6 cells with NPM1 (phospho Ser4) monoclonal antibody, clone A1(Cat # MAB23394). Untreated (red) or treated with nocodazole (green).

Gene Info — NPM1

Entrez GeneID	4869
Protein Accession#	P06748
Gene Name	NPM1
Gene Alias	B23, MGC104254, NPM
Gene Description	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
Omim ID	164040 601626
Gene Ontology	Hyperlink
Gene Summary	NPM1 is a ubiquitously expressed nucleolar protein that shuttles between the nucleus and cytoplasm. It is implicated in multiple functions, including ribosomal protein assembly and transport, control of centrosome duplication, and regulation of the tumor suppressor ARF (MIM 600160). NPM1 mutations that relocalize NPM1 from the nucleus into the cytoplasm are associated with development of acute myeloid leukemia (AML; MIM 601626) (Garzon et al., 2008 [PubMed 18308931]).[supplied by OMIM]

Other Designations

nucleolar phosphoprotein B23|nucleophosmin 1|nucleophosmin/nucleoplasmin family, member 1|
numatrin

Disease

- [Acute Disease](#)
- [Blast Crisis](#)
- [Cell Transformation](#)
- [Chromosome Aberrations](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Inversion](#)
- [Leukemia](#)
- [Myelodysplastic Syndromes](#)
- [Neoplasm](#)
- [Recurrence](#)
- [Translocation](#)