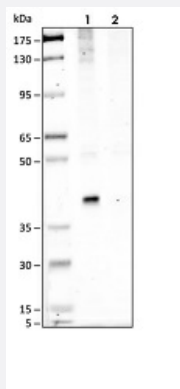


NPM1 (phospho S4) monoclonal antibody, clone A1

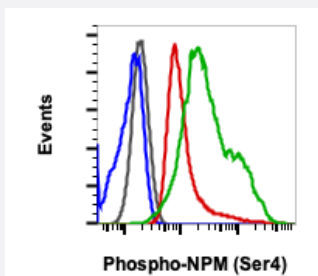
Catalog # MAB23570 Size 200 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with NPM1 (phospho S4) monoclonal antibody, clone A1 (Cat # MAB23570). Lane 1: untreated or Lane 2: treated with nocodazole.



Flow Cytometry

Flow cytometric analysis of C6 cells with NPM1 (phospho S4) monoclonal antibody, clone A1 (Cat # MAB23570).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human NPM1.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S4 of human NPM1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification

Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.1% BSA and 0.02% sodium azide).
Storage Instruction	Store at -20°C.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with NPM1 (phospho S4) monoclonal antibody, clone A1 (Cat # MAB23570). Lane 1: untreated or Lane 2: treated with nocodazole.

- Flow Cytometry

Flow cytometric analysis of C6 cells with NPM1 (phospho S4) monoclonal antibody, clone A1 (Cat # MAB23570).

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](#)