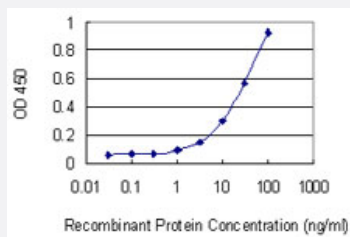


NPM1 monoclonal antibody (M02), clone 1B11

Catalog # H00004869-M02

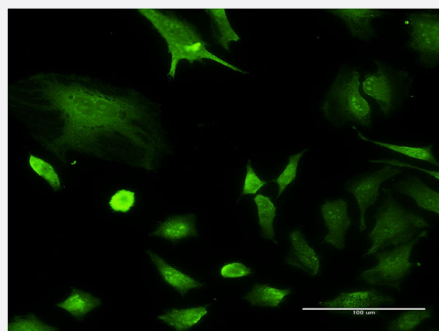
Size 100 ug

Applications



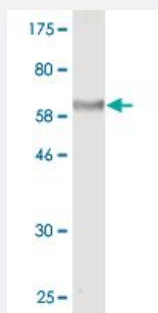
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NPM1 is 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to NPM1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (58.08 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant NPM1.

Immunogen	NPM1 (AAH02398.1, 1 a.a. ~ 294 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEDSMDMDMSPLRPQNYLFGCELKADKDYHFKVDNDENEHQLSLRTVSLGAGAKDELHIVEAE AMNYEGSPIKVTLATLKMSVQPTVSLGGFEITPPVVLRLKCGSGPVHISGQHLVAVEEDAEESEDE EEEDVKLLSISGKRSAPGGGSKVPQKKVKLADEDDDDDEEDDDDDDDDFDDEEAEEKA PVKKSIRDTPAKNAQKSNQNGKDSKPSSTPRSKGQESFKKQEKTPKTPKGPSSVEDIKAKMQAS IEKGGSLPKVEAKFINYVKNCFRMTDQEAIQDLWQWRKSL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (58.08 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NPM1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to NPM1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — NPM1

Entrez GeneID

[4869](#)

GeneBank Accession#	BC002398
Protein Accession#	AAH02398.1
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 relocate 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](#)