



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## NPM1 monoclonal antibody (M02), clone 1B11

Catalog # : H00004869-M02

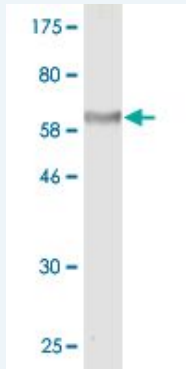
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full-length recombinant NPM1.
<b>Immunogen:</b>	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.
<b>Sequence:</b>	MEDSMDMDMSPLRPQNYLFGCELKADKDYHFKVDNDENEHQLSLRTVS LGAGAKDELHIVEAEAMNYEGSPIKVTLTLKMSVQPTVSLGGFEITPPVW LRLKCGSGPVHISGQHLVAVEEDAEESEDEEEEDVKLLSIGKRSAPGGG SKVPQKKVKLAADEDDEDDDEDDDEDDDDDFDDEEAEEKAPVKKSI RDTPAKNAQKSNQNGKDSKPSSTPRSKGQESFKKQEKTPKTPKGPSSV EDIKAKMQASIEKGGSLPKVEAKFINYVKNCFRMTDQEAIQDLWQWRKSL
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	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.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

**Western Blot (Recombinant protein)**

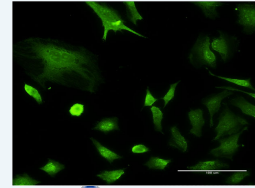
[Protocol Download](#)

**Immunofluorescence**

### Application Image

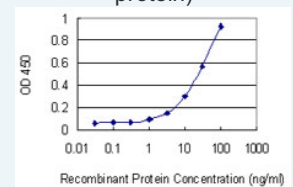
Western Blot (Recombinant protein)

Immunofluorescence



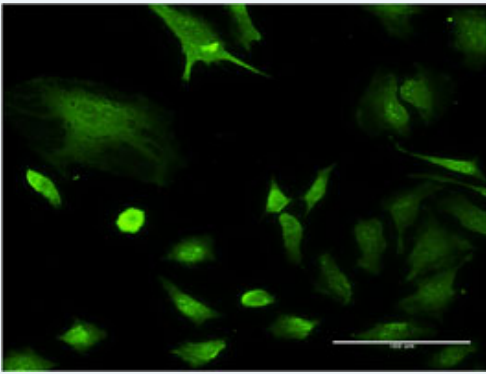
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

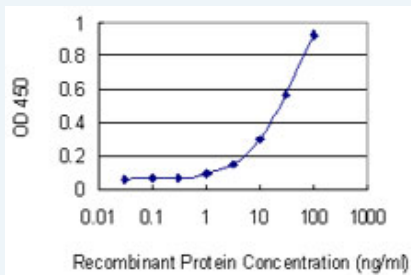


[enlarge this image](#)

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

[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

### Gene Information

**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 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

### Related Disease

[Acute Disease](#) [Blast Crisis](#) [Cell Transformation](#), [Neoplastic](#) [Chromosome Aberrations](#)  
[Disease Progression](#) [Genetic Predisposition to Disease](#) [Inversion](#), [Chromosome](#)  
[Leukemia, chronic myeloid](#) [Leukemia, Myelocytic](#), [Acute Leukemia](#), [Myeloid](#)  
[Leukemia, Myeloid](#), [Acute Leukemia](#), [Myelomonocytic](#), [Chronic](#)  
[Leukemia, Nonlymphocytic](#), [Acute Leukemia](#), [Promyelocytic](#), [Acute](#)  
[Myelodysplastic Syndromes](#) [Neoplasm](#), [Residual](#) [Recurrence](#) [Translocation](#), [Genetic](#)

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