



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## NUP98 monoclonal antibody (M01), clone 4G2

Catalog # : H00004928-M01

規格 : [ 100 ug ]

List All

| Specification  | Application Image |
|--|-------------------|
| <b>Product Description:</b> Mouse monoclonal antibody raised against a partial recombinant NUP98.                                      | ELISA             |
| <b>Immunogen:</b> NUP98 (AAH12906.1, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.    |                   |
| <b>Sequence:</b> MKLYQTPLELKLKHSTVHVDELCPNLPVNLGVAVIHDYADWVKEASGDLP<br>EAQIVKHWSLTWTLCEALWGHLKELDSQLNEPREYIQLERRRAFSRWL<br>SCTATPQIEEE |                   |
| <b>Host:</b> Mouse   |                   |
| <b>Reactivity:</b> Human   |                   |
| <b>Isotype:</b> IgG2a Kappa  |                   |
| <b>Quality Control Testing:</b> Antibody Reactive Against Recombinant Protein.   |                   |
| <b>Storage Buffer:</b> In 1x PBS, pH 7.4   |                   |
| <b>Storage Instruction:</b> Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                   |                   |
| <b>MSDS:</b>  <a href="#">Download</a>              |                   |
| <b>Datasheet:</b>  <a href="#">Download</a>         |                   |
| <b>Applications</b>  |                   |
| ELISA  |                   |
| <b>Gene Information</b>  |                   |
| <b>Entrez GeneID:</b> <a href="#">4928</a>   |                   |
| <b>GeneBank Accession#:</b> <a href="#">BC012906.1</a>   |                   |
| <b>Protein Accession#:</b> <a href="#">AAH12906.1</a>  |                   |
| <b>Gene Name:</b> NUP98  |                   |
| <b>Gene Alias:</b> ADIR2,NUP196,NUP96  |                   |
| <b>Gene Description:</b> nucleoporin 98kDa   |                   |
| <b>Omim ID:</b> <a href="#">601021</a>   |                   |

**Gene Ontology:** [Hyperlink](#)

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**Gene Summary:** Signal-mediated nuclear import and export proceed through the nuclear pore complex (NPC), which is comprised of approximately 50 unique proteins collectively known as nucleoporins. The 98 kD nucleoporin is generated through a biogenesis pathway that involves synthesis and proteolytic cleavage of a 186 kD precursor protein. This cleavage results in the 98 kD nucleoporin as well as a 96 kD nucleoporin, both of which are localized to the nucleoplasmic side of the NPC. Rat studies show that the 98 kD nucleoporin functions as one of several docking site nucleoporins of transport substrates. The human gene has been shown to fuse to several genes following chromosome translocations in acute myelogenous leukemia (AML) and T-cell acute lymphocytic leukemia (T-ALL). This gene is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described. [provided by RefSeq]

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**Other** GLFG-repeat containing nucleoporin,Nup98-  
**Designations:** Nup96,OTTHUMP00000013819,OTTHUMP00000013967,nucleoporin 98kD

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#### **Related Disease**

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[Celiac Disease](#) [Genetic Predisposition to Disease](#)

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