

NUP98 monoclonal antibody (M01), clone 4G2

Catalog # H00004928-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NUP98.
Immunogen	NUP98 (AAH12906.1, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKLYQTPLELKLKHSTVHVDELCPNLPNLGVAVIHDYADWVKEASGDLPEAQMKHWSLTWTLC EALWGHLKELDSQLNEPREYIQILERRRAFSRWLSCATPQIEEE
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — NUP98

Entrez GeneID	4928
GeneBank Accession#	BC012906.1
Protein Accession#	AAH12906.1
Gene Name	NUP98

Gene Alias	ADIR2, NUP196, NUP96
Gene Description	nucleoporin 98kDa
Omim ID	601021
Gene Ontology	Hyperlink
Gene Summary	<p>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]</p>
Other Designations	GLFG-repeat containing nucleoporin Nup98-Nup96 OTTHUMP00000013819 OTTHUMP00000013967 nucleoporin 98kD

Disease

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