

Nup98 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0951
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human Nup98 protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Dog
Clonality	Monoclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Nuclear pore complex protein Nup98-Nup96
Synonyms	NUP98; ADAR2; Nuclear pore complex protein Nup98-Nup96

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

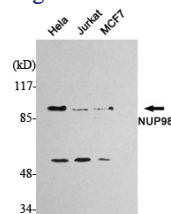
Nuclear pore complexes (NPCs) regulate the transport of macromolecules between the nucleus and cytoplasm, and are composed of many polypeptide subunits, many of which belong to the nucleoporin family. This gene belongs to the nucleoporin gene family and encodes a 186 kDa precursor protein that undergoes autoproteolytic cleavage to generate a 98 kDa nucleoporin and 96 kDa nucleoporin. The 98 kDa nucleoporin contains a Gly-Leu-Phe-Gly (GLGF) repeat domain and participates in many cellular processes, including nuclear import, nuclear export, mitotic progression, and regulation of gene expression. The 96 kDa nucleoporin is a scaffold component of the NPC. Proteolytic cleavage is important for targeting of the proteins to the NPC. Translocations between this gene and many other partner genes have been observed in different leukemias. Rearrangements typically result in chimeras with the N-terminal GLGF domain of

Recommended Dilution

WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using Nup98 Monoclonal antibody against HeLa, Jurkat, MCF7 cell lysate.

Storage

-20°C for one year