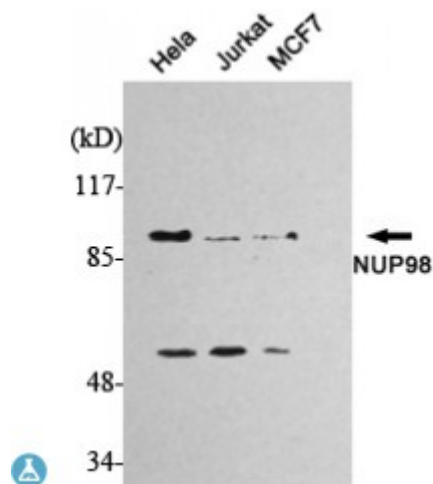


Anti-Nup98 antibody



Description	Mouse monoclonal to Nup98.
Model	STJ98522
Host	Mouse
Reactivity	Canine, Human, Mouse
Applications	WB
Immunogen	Purified recombinant human Nup98 protein fragments expressed in E.coli.
Gene ID	4928
Gene Symbol	NUP98
Dilution range	WB 1:1000-1:2000
Specificity	Nup98 Monoclonal Antibody detects endogenous levels of Nup98 protein.
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Nuclear pore complex protein Nup98-Nup96 Nuclear pore complex protein Nup98 98 kDa nucleoporin Nucleoporin Nup98 Nup98 Nuclear pore complex protein Nup96 96 kDa nucleoporin Nucleoporin Nup96 Nup96
Clonality	Monoclonal
Conjugation	Unconjugated
Formulation	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
Concentration	1 mg/ml

Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:8068OMIM:601021
Alternative Names	Nuclear pore complex protein Nup98-Nup96 Nuclear pore complex protein Nup98 98 kDa nucleoporin Nucleoporin Nup98 Nup98 Nuclear pore complex protein Nup96 96 kDa nucleoporin Nucleoporin Nup96 Nup96
Function	Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance. Nup98 and Nup96 are involved in the bidirectional transport across the NPC. May anchor NUP153 and TPR to the NPC.
Sequence and Domain Family	Contains G-L-F-G repeats. The FG repeat domains in Nup98 have a direct role in the transport.
Cellular Localization	Nucleus membrane Nucleus, nuclear pore complex Nucleus, nucleoplasm. NUP98 is localized to the nucleoplasmic side of the nuclear pore complex (NPC), at or near the nucleoplasmic basket . Dissociates from the disassembled NPC structure early during prophase of mitosis . Colocalized with NUP153 and TPR to the nuclear basket of NPC . Detected in diffuse and discrete intranuclear foci . Remained localized to the nuclear membrane after poliovirus (PV) infection.
Post-translational Modifications	Isoform 1 to isoform 4 are autoproteolytically cleaved to yield Nup98 and Nup96 or Nup98 only, respectively . Cleaved Nup98 is necessary for the targeting of Nup98 to the nuclear pore and the interaction with Nup96 . Proteolytically degraded after poliovirus (PV) infection; degradation is partial and NCP- and TPR-binding domains withstand degradation.