

NUP98 Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52748**Specification**

NUP98 Antibody - Product Information

Application	IP, WB
Primary Accession	P52948
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	98 KDa

NUP98 Antibody - Additional Information**Gene ID** 4928**Other Names**

96 kDa nucleoporin;98 kDa nucleoporin;ADAR2;ADIR2;GLFG-repeat containing nucleoporin; Nuclear pore complex protein Nup96;Nuclear pore complex protein Nup98 Nup96;Nucleoporin 98kD;nucleoporin 98kDa;Nucleoporin Nup96;Nucleoporin Nup98;NUP196;NUP96;Nup98;Nup98-Nup96;NUP98_HUMAN.

Dilution

IP~~1:500

WB~~1:1000

Format

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.09% (W/V) sodium azide, 50% glycerol

Storage

Store at -20 °C.Stable for 12 months from date of receipt

NUP98 Antibody - Protein Information**Name** NUP98 ([HGNC:8068](#))**Synonyms** ADAR2**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 (PubMed:33097660). May anchor NUP153 and TPR to the NPC. In cooperation with DHX9, plays a role in transcription and alternative splicing activation of a subset of genes (PubMed:28221134). Involved in

the localization of DHX9 in discrete intranuclear foci (GLFG-body) (PubMed:28221134).

Cellular Location

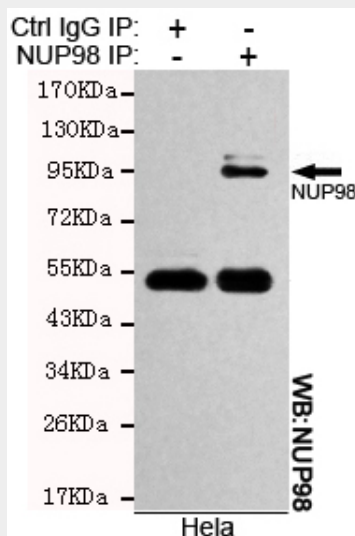
Nucleus membrane; Peripheral membrane protein; Nucleoplasmic side Nucleus, nuclear pore complex. Nucleus, nucleoplasm Note=Localized to the nucleoplasmic side of the nuclear pore complex (NPC), at or near the nucleoplasmic basket (PubMed:11839768) Dissociates from the disassembled NPC structure early during prophase of mitosis (PubMed:12802065). Colocalized with NUP153 and TPR to the nuclear basket of NPC (PubMed:11839768). Colocalized with DHX9 in diffuse and discrete intranuclear foci (GLFG-body) (PubMed:11839768, PubMed:28221134).

NUP98 Antibody - Protocols

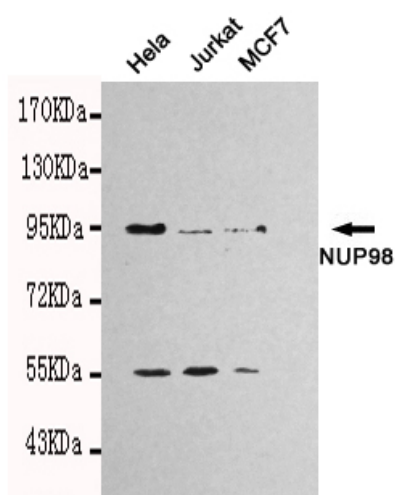
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NUP98 Antibody - Images



Immunoprecipitation analysis of HeLa cell lysates using NUP98 mouse mAb.



Western blot detection of NUP98 in HeLa, Jurkat and MCF7 cell lysates using NUP98 mouse mAb (1:1000 diluted). Predicted band size: 98kDa. Observed band size: 98kDa.

NUP98 Antibody - Background

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.

NUP98 Antibody - References

Borrow J., et al. Nat. Genet. 12:159-167(1996).
Arai Y., et al. Submitted (MAR-2000) to the EMBL/GenBank/DDBJ databases.
Fontoura B.M.A., et al. J. Cell Biol. 144:1097-1112(1999).
Borrow J., et al. Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.
Taylor T.D., et al. Nature 440:497-500(2006).