

Anti-NUP98 Antibody

Catalog # AP95982

Product Information

Application	WB, FC
Primary Accession	P52948
Reactivity	Human, Mk
Host	Mouse
Clonality	Monoclonal
Calculated MW	197579

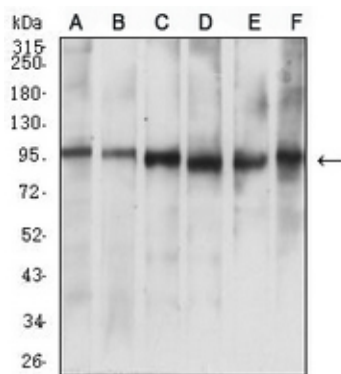
Additional Information

Gene ID	4928
Other Names	ADAR2; Nuclear pore complex protein Nup98-Nup96
Target/Specificity	Recombinant fusion protein of human NUP98 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

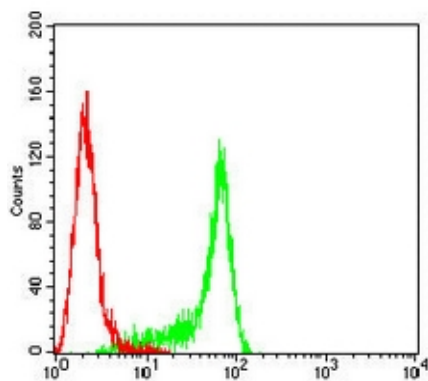
Protein Information

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).

Images



Western blot analysis of NUP98 expression in A549 (A), L02 (B), HeLa (C), Jurkat (D), HL60 (E), COS7 (F) whole cell lysates. (Predicted band size: 198 kD; Observed band size: 100 kD)



Flow cytometric analysis of HeLa cells using Anti-NUP98 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.