

Product Name: KD-Validated FAM98B Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00339

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC,IHC-P
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 45.5kDa

Antigen Information

Gene Name	FAM98B
Alternative Names	FAM98B; Family With Sequence Similarity 98 Member B; Protein FAM98B; FLJ38426; Family With Sequence Similarity 98, Member B
Gene ID	283742.0
SwissProt ID	Q52LJ0
Immunogen	Recombinant protein of human FAM98B

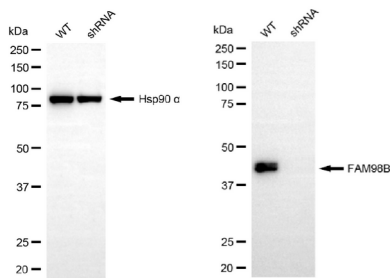
Background

Enables identical protein binding activity and protein methyltransferase activity. Involved in positive regulation of cell population proliferation; positive regulation of gene expression; and protein methylation. Located in cytoplasm and nucleoplasm. Part of tRNA-splicing ligase complex. [provided by Alliance of Genome Resources, Jul 2025]

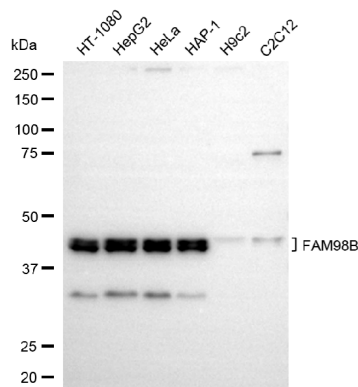
Research Area

Cell Biology

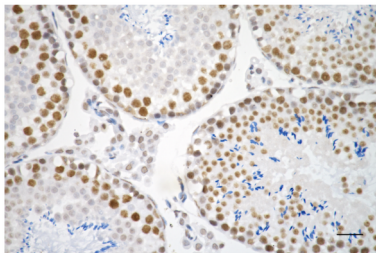
Image Data



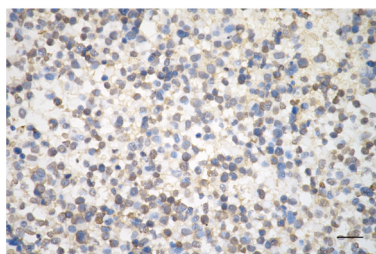
Western blotting analysis using FAM98B antibody (KVA00339). FAM98B expression in wild-type (WT) and FAM98B shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with FAM98B antibody (KVA00339, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



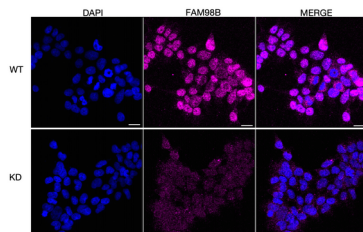
Western blotting analysis using FAM98B antibody (KVA00339). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with FAM98B antibody (KVA00339, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



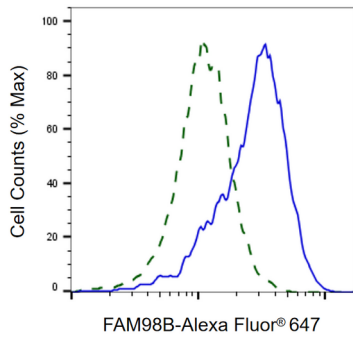
Immunohistochemistry was performed on paraffin-embedded mouse testis tissue using FAM98B antibody (KVA00339, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.



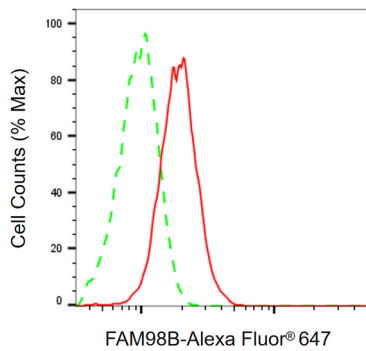
Immunohistochemistry was performed on paraffin-embedded human glioblastoma using FAM98B antibody (KVA00339, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.



Immunocytochemical staining of HeLa cells using FAM98B antibody (KVA00339, 1:1,000). Top panel: wild-type (WT); Bottom panel: FAM98B shRNA knockdown (KD). Nuclei were stained blue with DAPI; FAM98B was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.



Validation of FAM98B knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with FAM98B antibody (KVA00339, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of FAM98B expression in HepG2 cells using FAM98B antibody (KVA00339, 1:2,000). Green, isotype control; red, FAM98B.