

Product Name: KD-Validated ZNF598 Mouse Monoclonal Antibody**Catalog #: KVA01128**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse 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 1:400-1:2,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 98.6kDa

Antigen Information

Gene Name	ZNF598
Alternative Names	ZNF598; Zinc Finger Protein 598, E3 Ubiquitin Ligase; HEL2; E3 Ubiquitin-Protein Ligase ZNF598; FLJ00086; Zinc Finger Protein 598; EC 2.3.2.27
Gene ID	90850.0
SwissProt ID	Q86UK7
Immunogen	Recombinant protein of human ZNF598

Background

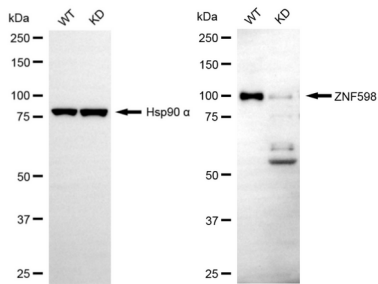
Zinc-finger proteins bind nucleic acids and play important roles in various cellular functions, including cell proliferation, differentiation, and apoptosis. This protein and Grb10-interacting GYF protein 2 have been identified as a components of the mammalian 4EHP (m4EHP) complex. The complex is thought to function as a translation repressor in embryonic development.

[provided by RefSeq, Oct 2012]

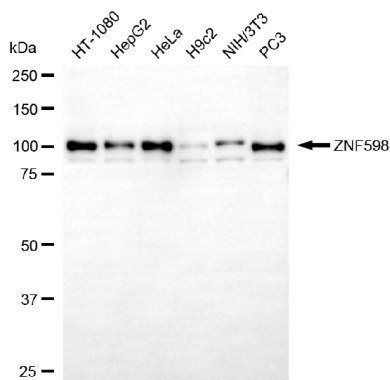
Research Area

Epigenetics and Nuclear Signaling

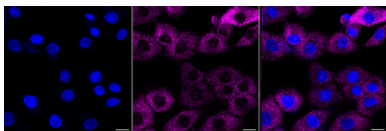
Image Data



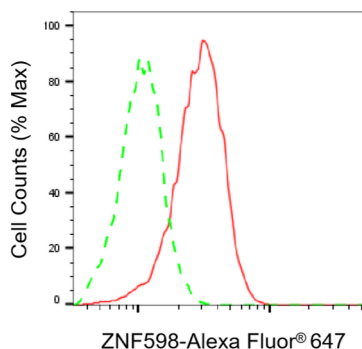
Western blotting analysis using ZNF598 antibody (KVA01128). ZNF598 expression in wild-type (WT) and ZNF598 knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ZNF598 antibody (KVA01128, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using ZNF598 antibody (KVA01128). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ZNF598 antibody (KVA01128, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HT-1080 cells with ZNF598 antibody (KVA01128, 1:1,000). Nuclei were stained blue with DAPI; ZNF598 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 µm.



Flow cytometric analysis of ZNF598 expression in HT-1080 cells using ZNF598 antibody (KVA01128, 1:2,000). Green, isotype control; red, ZNF598.