

Product Name: KD-Validated FAF1 Mouse Monoclonal Antibody**Catalog #: KVA00560**

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 1:500-1:2,500; FC 1:100-1:1,000; ICC 1:100-1:500
Molecular Weight	Calculated MW: 74.0kDa

Antigen Information

Gene Name	FAF1 FAF1; Fas Associated Factor 1; UBXD12; UBXN3A; HFAF1; CGI-03; HFAF1s; Fas (TNFRSF6)
Alternative Names	Associated Factor 1; UBX Domain-Containing Protein 12; UBX Domain-Containing Protein 3A; TNFRSF6-Associated Factor 1; FAS-Associated Factor 1; UBX Domain Protein 3A
Gene ID	11124.0
SwissProt ID	Q9UNN5
Immunogen	Recombinant protein of human FAF1

Background

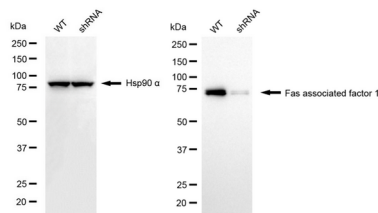
Interaction of Fas ligand (TNFSF6) with the FAS antigen (TNFRSF6) mediates programmed cell death, also called apoptosis, in a number of organ systems. The protein encoded by this gene binds to FAS antigen and can initiate apoptosis or enhance

apoptosis initiated through FAS antigen. Initiation of apoptosis by the protein encoded by this gene requires a ubiquitin-like domain but not the FAS-binding domain. [provided by RefSeq, Jul 2008]

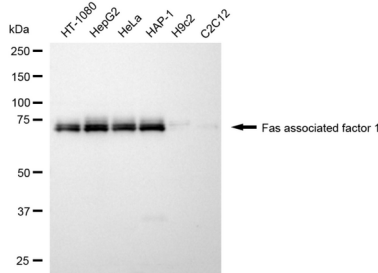
Research Area

Cancer

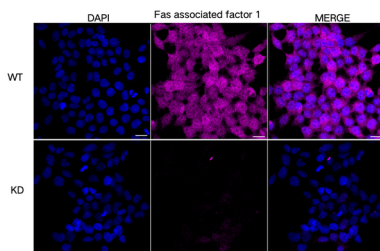
Image Data



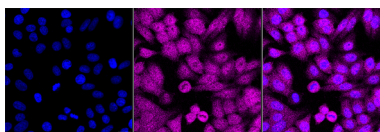
Western blotting analysis using fas associated factor 1 antibody (KVA00560). Fas associated factor 1 expression in wild type (WT) and fas associated factor 1 (FAF1) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with fas associated factor 1 antibody (KVA00560, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



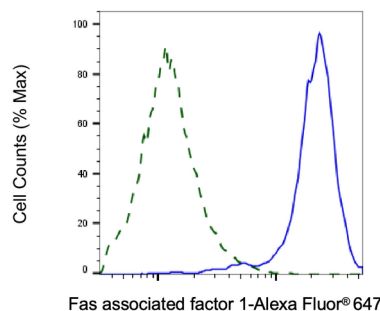
Western blotting analysis using fas associated factor 1 antibody (KVA00560). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with fas associated factor 1 antibody (KVA00560, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



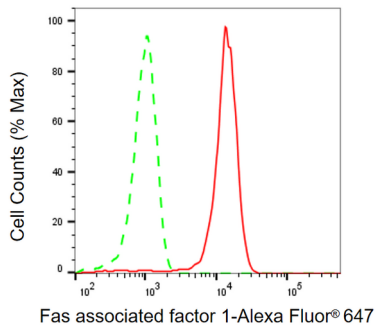
Immunocytochemical staining of HeLa cells using Fas associated factor 1 antibody (KVA00560, 1:1,000), Top panel: wild-type (WT); Bottom panel: Fas associated factor 1 shRNA knockdown (KD). Nuclei were stained blue with DAPI; Fas associated factor 1 was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.



Immunocytochemical staining of HepG2 cells with Fas associated factor 1 antibody (KVA00560, 1:500). Nuclei were stained blue with DAPI; Fas associated factor 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Validation of Fas associated factor 1 knockdown using flow cytometry. Wild-type (WT, Blue) and knockdown (KD, Green) HeLa cells were stained with Fas associated factor 1 antibody (KVA00560, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of Fas associated factor 1 expression in HepG2 cells using Fas associated factor 1 antibody (KVA00560, 1:1,000). Green, isotype control; red, Fas associated factor 1.