
Product Name: KD-Validated ABCF2 Mouse Monoclonal Antibody**Catalog #: KVA00644**

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 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 71.3kDa

Antigen Information

Gene Name	ABCF2
Alternative Names	ABCF2; ATP Binding Cassette Subfamily F Member 2; EST133090; HUSSY-18; ABC28; ATP-Binding Cassette, Sub-Family F (GCN20), Member 2; ATP-Binding Cassette Sub-Family F Member 2; Iron-Inhibited ABC Transporter 2; M-ABC1; ABC-Type Transport Protein; EC 3.6.3.17; EC 3.6.3; HUSSY18
Gene ID	10061.0
SwissProt ID	Q9UG63
Immunogen	Recombinant protein of human ABCF2

Background

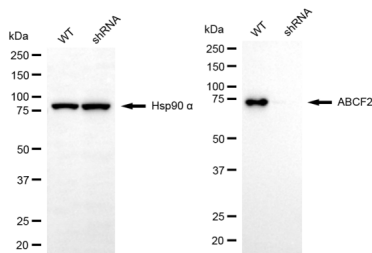
This gene encodes a member of the ATP-binding cassette (ABC) transporter superfamily. ATP-binding cassette proteins

transport various molecules across extra- and intracellular membranes. Alterations in this gene may be involved in cancer progression. Related pseudogenes have been identified on chromosomes 3 and 7. [provided by RefSeq, Mar 2019]

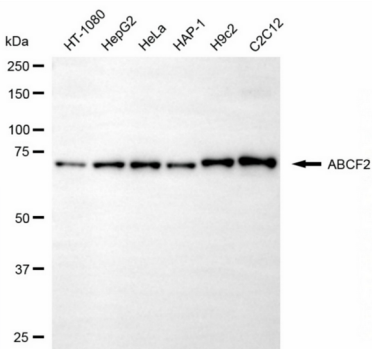
Research Area

Signal Transduction, Epigenetics and Nuclear Signaling

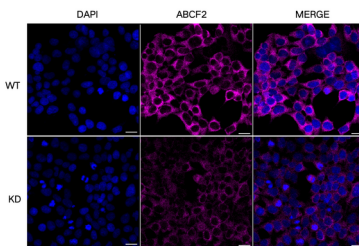
Image Data



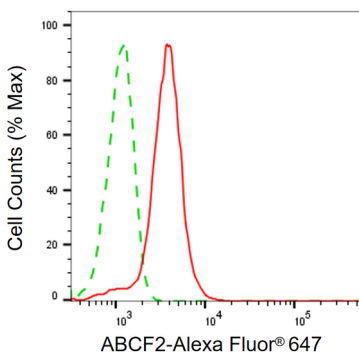
Western blotting analysis using ABCF2 antibody (KVA00644). ABCF2 expression in wild type (WT) and ABCF2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ABCF2 antibody (KVA00644, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using ABCF2 antibody (KVA00644). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ABCF2 antibody (KVA00644, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of cells using ABCF2 antibody (KVA00644, 1:1,000), Top panel: wild-type (WT); Bottom panel: ABCF2 shRNA knockdown (KD). Nuclei were stained blue with DAPI; ABCF2 was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.



Flow cytometric analysis of ABCF2 expression in C2C12 cells using ABCF2 antibody (KVA00644, 1:2,000). Green, isotype control; red, ABCF2.