

Product Name: KD-Validated FBXO21 Mouse Monoclonal Antibody**Catalog #: KVA00570**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
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
Molecular Weight	Calculated MW: 72.3kDa

Antigen Information

Gene Name	FBXO21
Alternative Names	FBXO21; F-Box Protein 21; FBX21; F-Box Only Protein 21; KIAA0875
Gene ID	23014.0
SwissProt ID	O94952
Immunogen	Recombinant protein of human FBXO21

Background

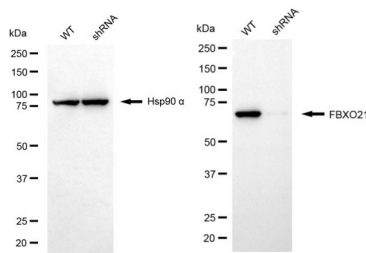
This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules

or no recognizable motifs. The protein encoded by this gene belongs to the Fbx class. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq, Jul 2008]

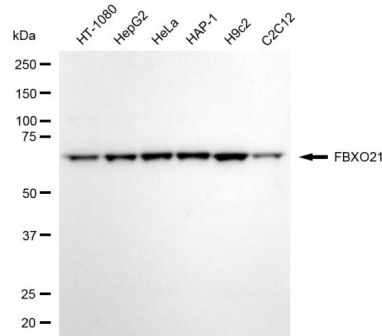
Research Area

Cell Biology, Epigenetics and Nuclear Signaling

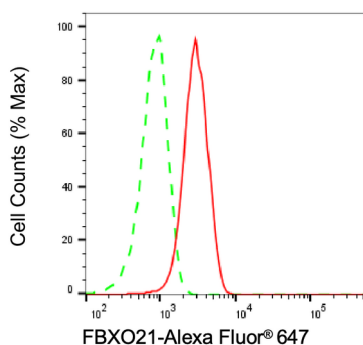
Image Data



Western blotting analysis using FBXO21 antibody (KVA00570). FBXO21 expression in wild type (WT) and FBXO21 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with FBXO21 antibody (KVA00570, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using FBXO21 antibody (KVA00570). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with FBXO21 antibody (KVA00570, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of FBXO21 expression in HAP-1 cells using FBXO21 antibody (KVA00570, 1:1,000). Green, isotype control; red, FBXO21.