

Product Name: KD-Validated FBXO22 Mouse Monoclonal Antibody**Catalog #: KVA00554**

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 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
Molecular Weight	Calculated MW: 44.5kDa

Antigen Information

Gene Name	FBXO22
Alternative Names	FBXO22; F-Box Protein 22; FBX22; F-Box Only Protein 22; FISTC1; FIST Domain Containing 1; F-Box Protein FBX22p44
Gene ID	26263.0
SwissProt ID	Q8NEZ5
Immunogen	Recombinant protein of human FBXO22

Background

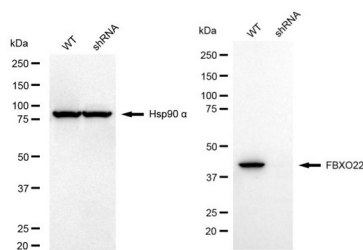
This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent 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 Fbxs class and, as a transcriptional target of the tumor protein p53, is thought to be involved in degradation of specific proteins in response to p53 induction. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

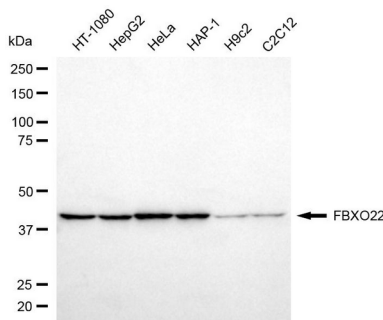
Research Area

Cell Biology, Epigenetics and Nuclear Signaling

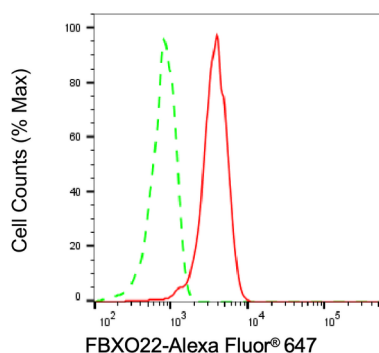
Image Data



Western blotting analysis using FBXO22 antibody (KVA00554). FBXO22 expression in wild type (WT) and FBXO22 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with FBXO22 antibody (KVA00554, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using FBXO22 antibody (KVA00554). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with FBXO22 antibody (KVA00554, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of FBXO22 expression in HeLa cells using FBXO22 antibody (KVA00554, 1:1,000). Green, isotype control; red, FBXO22.