

Product Name: KD-Validated FSCN1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01549**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit 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 1:2,000-1:10,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 54.5kDa

Antigen Information

Gene Name	FSCN1
Alternative Names	FSCN1; Fascin Actin-Bundling Protein 1; P55; SN; 55 KDa Actin-Bundling Protein; FLJ38511; Fascin; FAN1; HSN; Fascin Homolog 1, Actin-Bundling Protein (Strongylocentrotus Purpuratus); Singed (Drosophila)-Like (Sea Urchin Fascin Homolog Like); Epididymis Secretory Sperm Binding Protein; Fascin Homolog 1, Actin-Bundling Protein; Singed-Like (Fascin Homolog, Sea Urchin); Singed, Drosophila, Homolog-Like; Actin Bundling Protein; Singed-Like Protein
Gene ID	6624.0
SwissProt ID	Q16658
Immunogen	A synthesized peptide derived from human Fascin

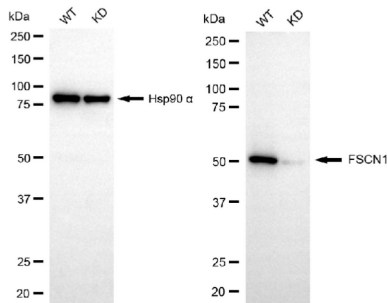
Background

This gene encodes a member of the fascin family of actin-binding proteins. Fascin proteins organize F-actin into parallel bundles, and are required for the formation of actin-based cellular protrusions. The encoded protein plays a critical role in cell migration, motility, adhesion and cellular interactions. Expression of this gene is known to be regulated by several microRNAs, and overexpression of this gene may play a role in the metastasis of multiple types of cancer by increasing cell motility. Expression of this gene is also a marker for Reed-Sternberg cells in Hodgkin's lymphoma. A pseudogene of this gene is located on the long arm of chromosome 15. [provided by RefSeq, Sep 2011]

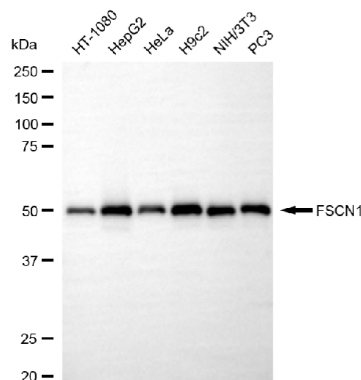
Research Area

Signal Transduction

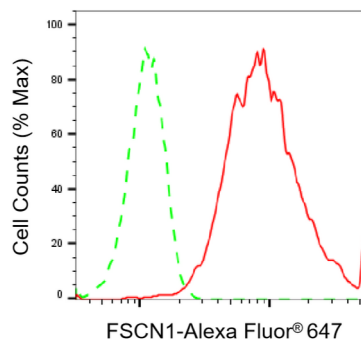
Image Data



Western blotting analysis using FSCN1 antibody (KVA01549). FSCN1 expression in wild-type (WT) and FSCN1 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with FSCN1 antibody (KVA01549, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using FSCN1 antibody (KVA01549). Total cell lysates (10 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with FSCN1 antibody (KVA01549, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of FSCN1 expression in HepG2 cells using FSCN1 antibody (KVA01549, 1:2,000). Green, isotype control; red, FSCN1.