

Product Name: KD-Validated FLI1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01428**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
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 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 51.0kDa

Antigen Information

Gene Name	FLI1 FLI1; Fli-1 Proto-Oncogene, ETS Transcription Factor; SIC-; EWSR2; FLI-1; Friend Leukemia
Alternative Names	Integration 1 Transcription Factor; Friend Leukemia Virus Integration 1; Transcription Factor ERGB; Ewing Sarcoma Breakpoint Region 2; Proto-Oncogene Fli-1; BDPLT21
Gene ID	2313.0
SwissProt ID	Q01543
Immunogen	A synthesized peptide derived from human FLI1

Background

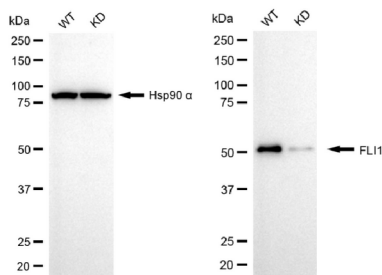
This gene encodes a transcription factor containing an ETS DNA-binding domain. The gene can undergo a t(11;22)(q24;q12) translocation with the Ewing sarcoma gene on chromosome 22, which results in a fusion gene that is present in the majority of

Ewing sarcoma cases. An acute lymphoblastic leukemia-associated t(4;11)(q21;q23) translocation involving this gene has also been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

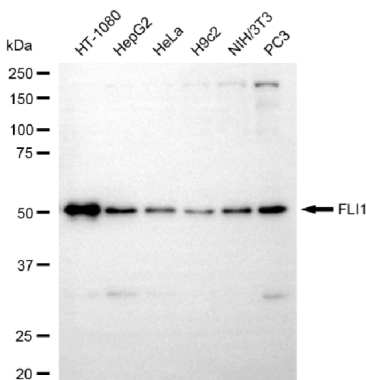
Research Area

Cell Biology, Epigenetics and Nuclear Signaling, Metabolism, Cancer

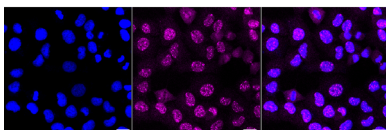
Image Data



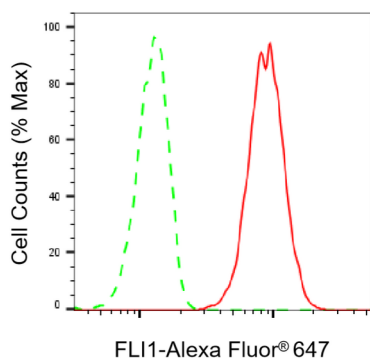
Western blotting analysis using FLI1 antibody (KVA01428). FLI1 expression in wild-type (WT) and FLI1 knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with FLI1 antibody (KVA01428, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using FLI1 antibody (KVA01428). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with FLI1 antibody (KVA01428, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HT-1080 cells with FLI1 antibody (KVA01428, 1:1,000). Nuclei were stained blue with DAPI; FLI1 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.



Flow cytometric analysis of FLI1 expression in HT-1080 cells using FLI1 antibody (KVA01428, 1:2,000). Green, isotype control; red, FLI1.