
Product Name: KD-Validated VAV2 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01332**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,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 1:4,000-1:20,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 101.3kDa

Antigen Information

Gene Name	VAV2
Alternative Names	VAV2; Vav Guanine Nucleotide Exchange Factor 2; Guanine Nucleotide Exchange Factor VAV2; Vav 2 Oncogene; VAV-2; Vav 2 Guanine Nucleotide Exchange Factor
Gene ID	7410.0
SwissProt ID	P52735
Immunogen	A synthesized peptide derived from human VAV2

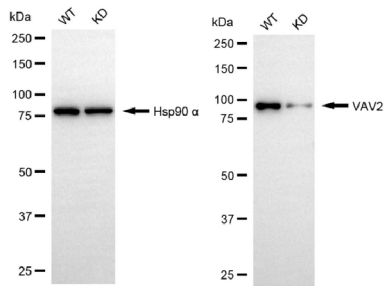
Background

VAV2 is the second member of the VAV guanine nucleotide exchange factor family of oncogenes. Unlike VAV1, which is expressed exclusively in hematopoietic cells, VAV2 transcripts were found in most tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

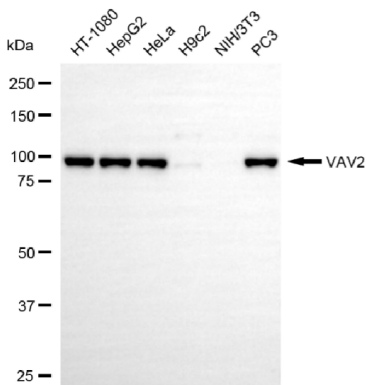
Research Area

Signal Transduction, Epigenetics and Nuclear Signaling, Cancer

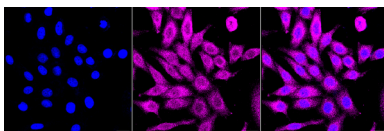
Image Data



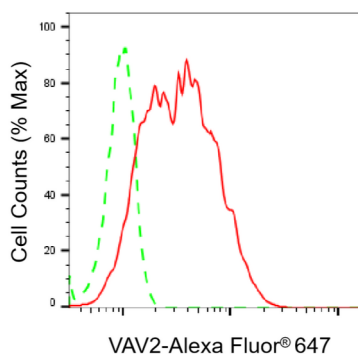
Western blotting analysis using VAV2 antibody (KVA01332). VAV2 expression in wild-type (WT) and VAV2 knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with VAV2 antibody (KVA01332, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using VAV2 antibody (KVA01332). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with VAV2 antibody (KVA01332, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with VAV2 antibody (KVA01332, 1:1,000). Nuclei were stained blue with DAPI; VAV2 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 VAV2 expression in HepG2 cells using VAV2 antibody (KVA01332, 1:2,000). Green, isotype control; red, VAV2.