

Product Name: KD-Validated TRIM47 Mouse Monoclonal Antibody**Catalog #: KVA00411**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,IHC-P
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 1:200-1:1,000; FC 1:200-1:2,000; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 69.5kDa

Antigen Information

Gene Name	TRIM47 TRIM47; Tripartite Motif Containing 47; RNF100; GOA; Gene Overexpressed In Astrocytoma
Alternative Names	Protein; Tripartite Motif-Containing Protein 47; E3 Ubiquitin-Protein Ligase TRIM47; RING Finger Protein 100; Tripartite Motif-Containing 47; EC 2.3.2.27
Gene ID	91107.0
SwissProt ID	Q96LD4
Immunogen	Recombinant protein of human TRIM47

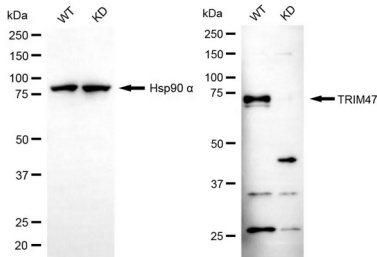
Background

Enables ubiquitin protein ligase activity. Involved in protein ubiquitination. Located in cytosol. [provided by Alliance of Genome Resources, Jul 2025]

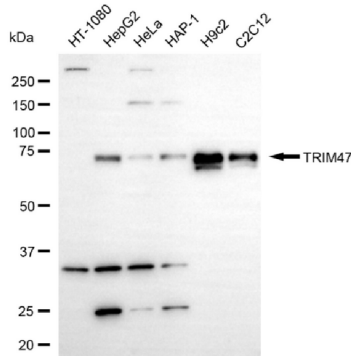
Research Area

Cancer

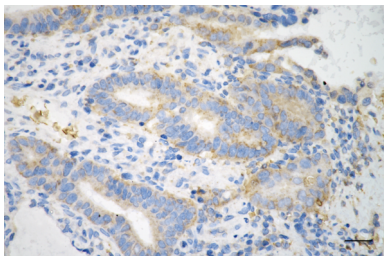
Image Data



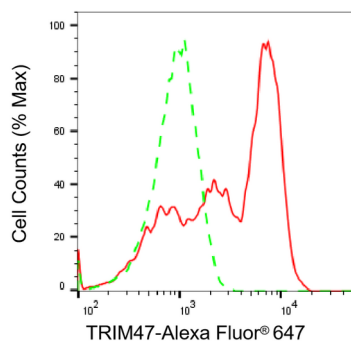
Western blotting analysis using TRIM47 antibody (KVA00411). TRIM47 expression in wild-type (WT) and TRIM47 knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TRIM47 antibody (KVA00411, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using TRIM47 antibody (KVA00411). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TRIM47 antibody (KVA00411, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunohistochemistry was performed on paraffin-embedded human sigmoid colon carcinoma using TRIM47 antibody (KVA00411, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.



Flow cytometric analysis of TRIM47 expression in H9c2 cells using TRIM47 antibody (KVA00411, 1:2,000). Green, isotype control; red, TRIM47.