
Product Name: KD-Validated TANK Mouse Monoclonal Antibody**Catalog #: KVA00276**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human
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 1:200-1:2,000
Molecular Weight	Calculated MW: 47.8kDa

Antigen Information

Gene Name	TANK
Alternative Names	TANK; TRAF Family Member Associated NFKB Activator; I-TRAF; TRAF2; TRAF Family Member-Associated NF-Kappa-B Activator; TRAF-Interacting Protein; ITRAF; TRAF Family Member-Associated NFKB Activator
Gene ID	10010.0
SwissProt ID	Q92844
Immunogen	Recombinant protein of human TANK

Background

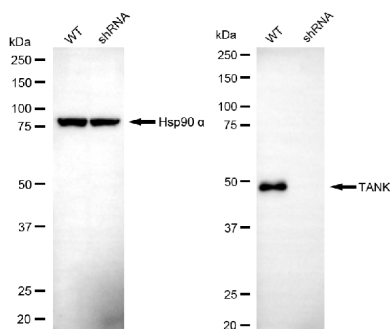
The TRAF (tumor necrosis factor receptor-associated factor) family of proteins associate with and transduce signals from members of the tumor necrosis factor receptor superfamily. The protein encoded by this gene is found in the cytoplasm and

can bind to TRAF1, TRAF2, or TRAF3, thereby inhibiting TRAF function by sequestering the TRAFs in a latent state in the cytoplasm. For example, the protein encoded by this gene can block TRAF2 binding to LMP1, the Epstein-Barr virus transforming protein, and inhibit LMP1-mediated NF-kappa-B activation. Three alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]

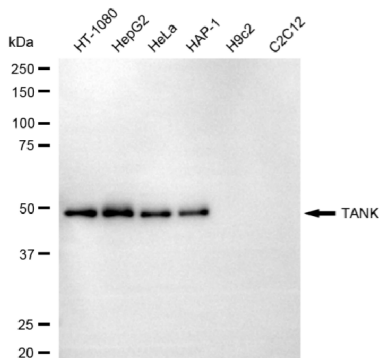
Research Area

Signal Transduction, Immunology

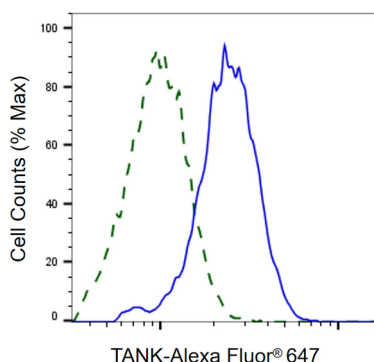
Image Data



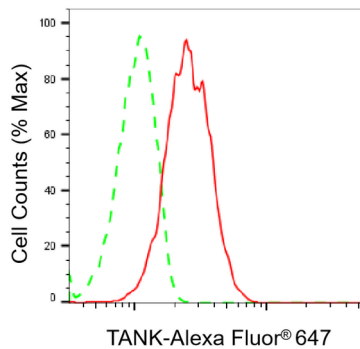
Western blotting analysis using TANK antibody (KVA00276). TANK expression in wild-type (WT) and TANK shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TANK antibody (KVA00276, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using TANK antibody (KVA00276). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TANK antibody (KVA00276, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Validation of TANK knockdown using flow cytometry. Wild-type (WT, Blue) and knockdown (KD, Green) HeLa cells were stained with TANK antibody (KVA00276, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of TANK expression in HepG2 cells using TANK antibody (KVA00276, 1:2,000). Green, isotype control; red, TANK.