

Product Name: KD-Validated TNFRSF12A Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00878

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
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: 13.9kDa

Antigen Information

Gene Name	TNFRSF12A TNFRSF12A; TNF Receptor Superfamily Member 12A; TweakR; FN14; CD266; Fibroblast Growth Factor-Inducible Immediate-Early Response Protein 14; Tumor Necrosis Factor Receptor Superfamily Member 12A; FGF-Inducible 14; Tweak-Receptor; Tumor Necrosis Factor Receptor Superfamily, Member 12A; Type I Transmembrane Protein Fn14; CD266 Antigen
Alternative Names	
Gene ID	51330.0
SwissProt ID	Q9NP84
Immunogen	A synthesized peptide derived from human TWEAKR

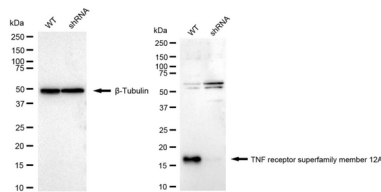
Background

Involved in positive regulation of extrinsic apoptotic signaling pathway and regulation of wound healing. Predicted to be located in cell surface and ruffle. Predicted to be active in plasma membrane. [provided by Alliance of Genome Resources, Apr 2025]

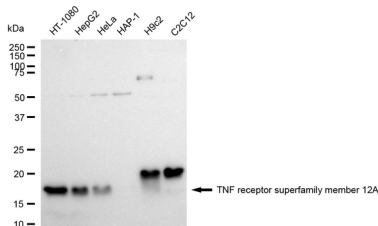
Research Area

Cardiovascular,Signal Transduction,Cancer

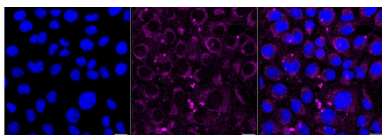
Image Data



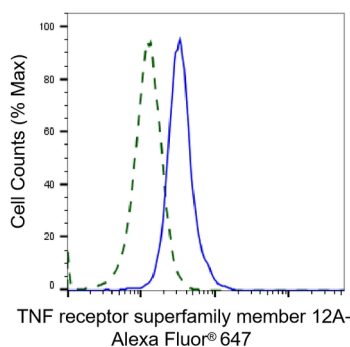
Western blotting analysis using TNF receptor superfamily member 12A antibody (KVA00878). TNF receptor superfamily member 12A expression in wild type (WT) and TNF receptor superfamily member 12A shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with TNF receptor superfamily member 12A antibody (KVA00878, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



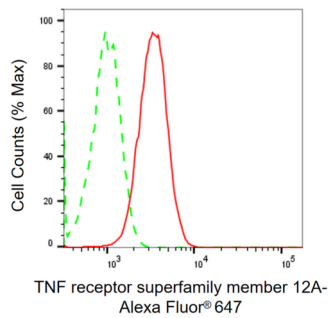
Western blotting analysis using TNF receptor superfamily member 12A antibody (KVA00878). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TNF receptor superfamily member 12A antibody (KVA00878, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HT-1080 cells with TNF receptor superfamily member 12A antibody (KVA00878, 1:1,000). Nuclei were stained blue with DAPI; TNF receptor superfamily member 12A 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.



Validation of TNF receptor superfamily member 12A knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with TNF receptor superfamily member 12A antibody (KVA00878, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of TNF receptor superfamily member 12A expression in HT-1080 cells using TNF receptor superfamily member 12A antibody (KVA00878, 1:2,000). Green, isotype control; red, TNF receptor superfamily member 12A.