KD-Validated Anti-TANK Mouse Monoclonal Antibody

Catalog #: 65874

Aliases

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

Background

Gene Name: TANK
NCBI Gene Entry: 10010
UniProt Entry: Q92844

Application Information

Molecular Weight: Predicted, 48 kDa, observed, 50 kDa
Clonality: Mouse monoclonal antibody
Clone ID: 25GB5605
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

Recombinant protein of human TANK

Isotype

Mouse IgG1

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

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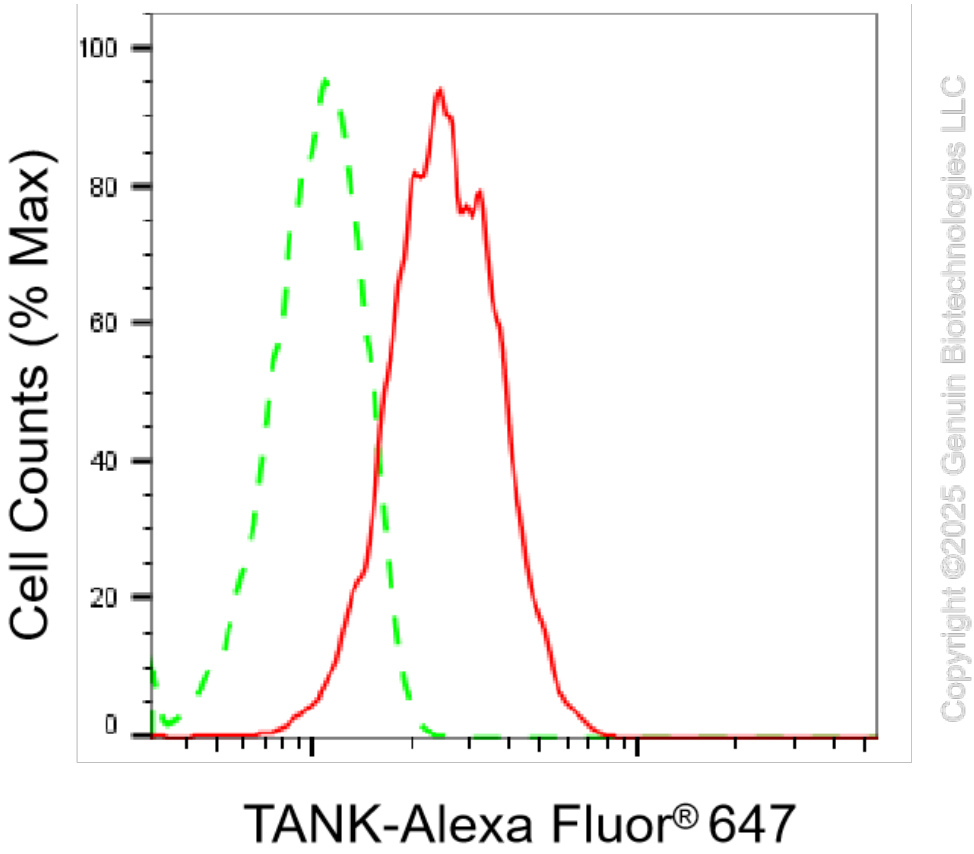
Validation Data



Flow cytometric analysis of TANK expression in HepG2 cells using anti-TANK antibody (Cat#65874, 1:2,000). Green, isotype control; red, TANK.

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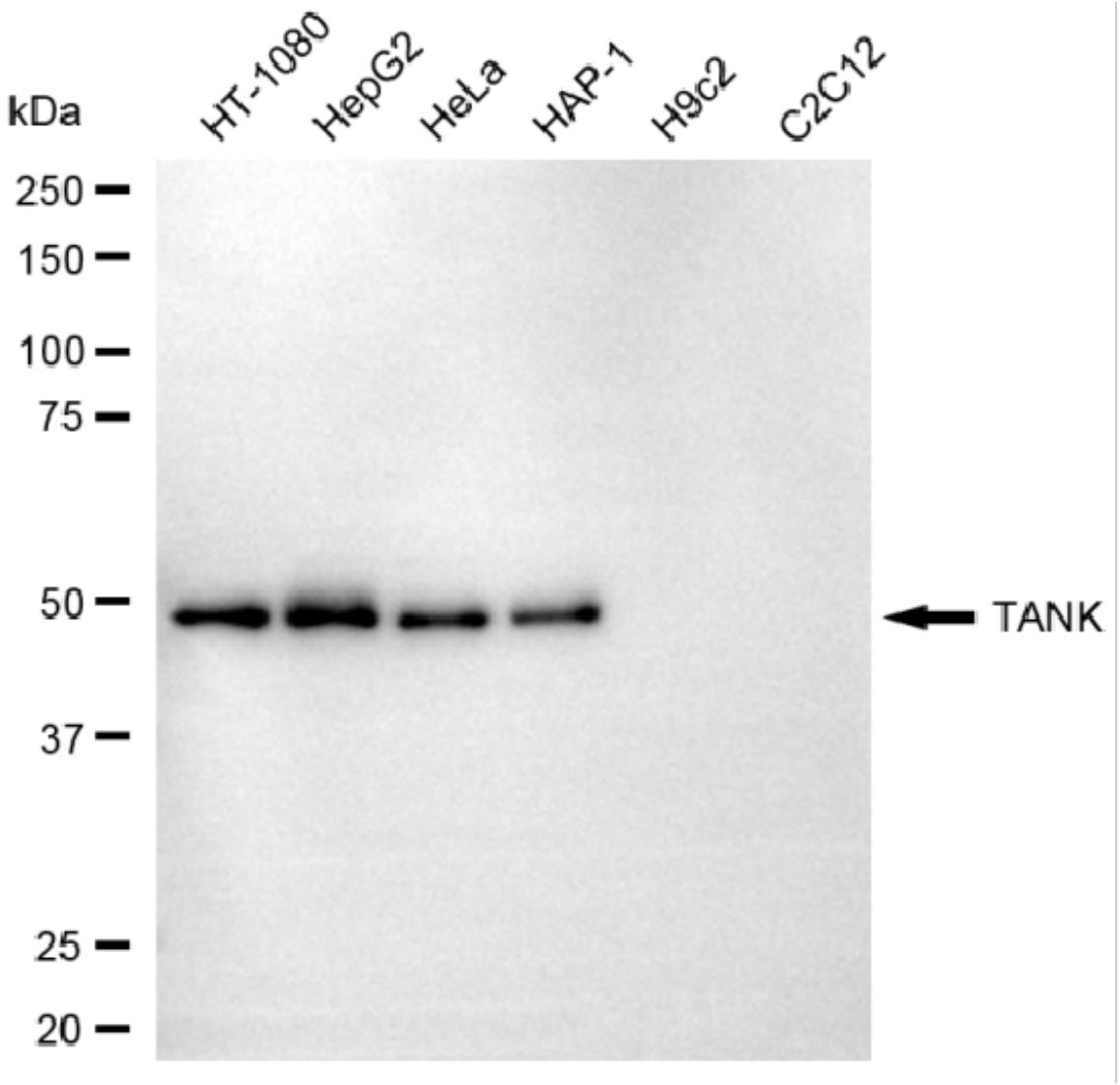

Western blotting analysis using anti-TANK antibody (Cat#65874). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TANK antibody (Cat#65874, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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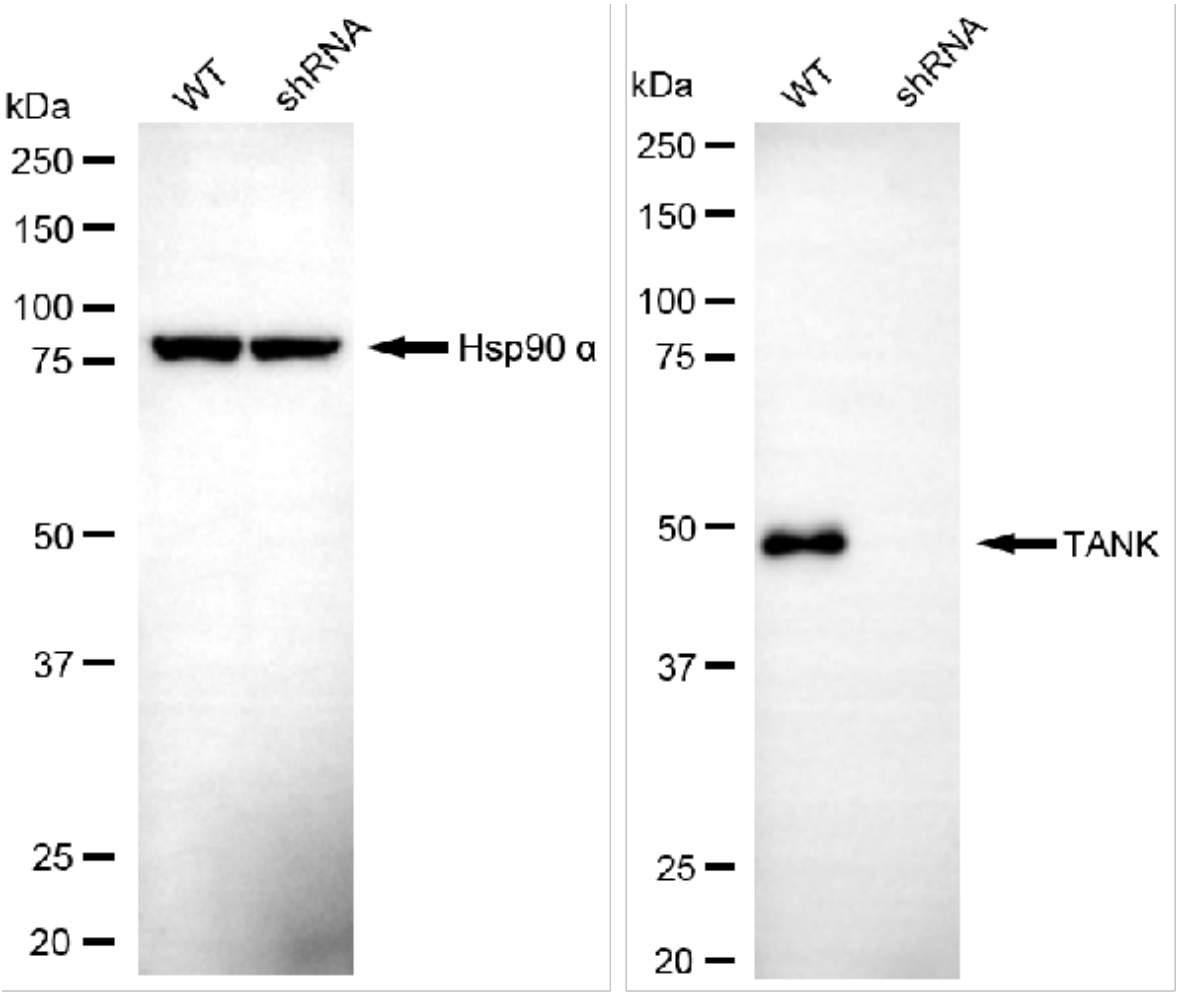

Western blotting analysis using anti-TANK antibody (Cat#65874). TANK expression in wild-type (WT) and TANK shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-TANK antibody (Cat#65874, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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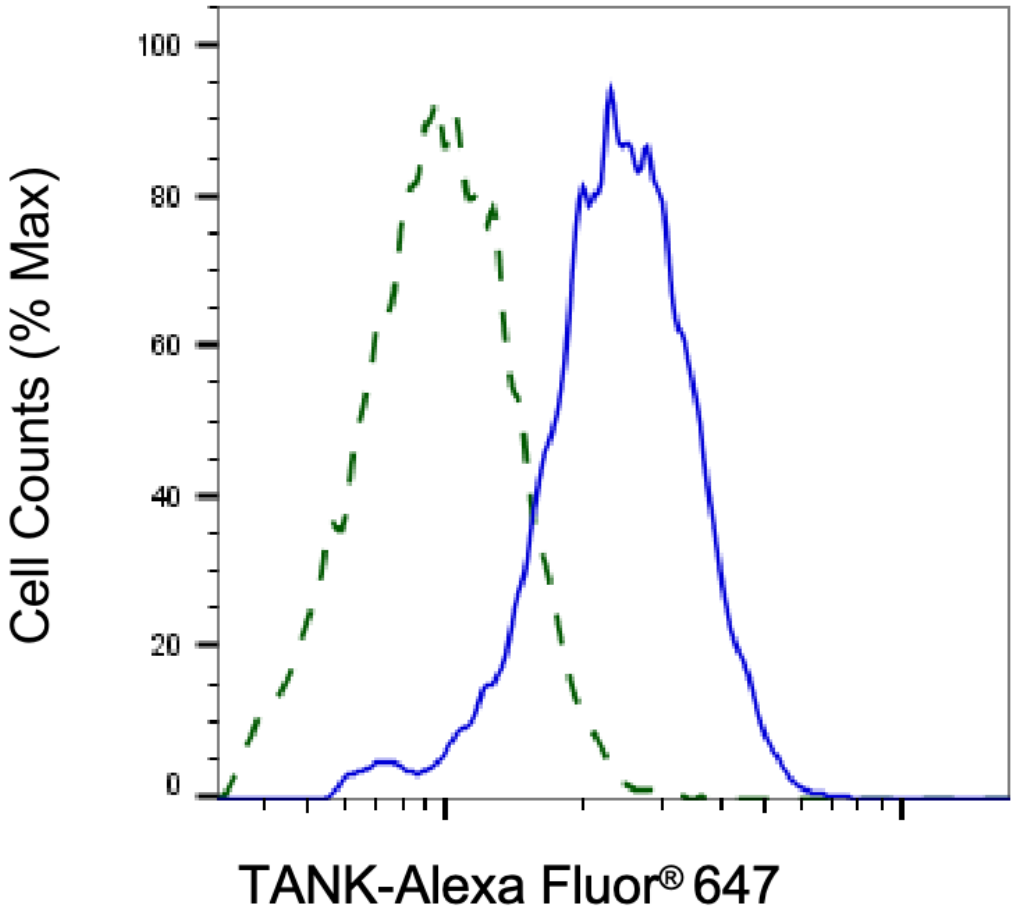
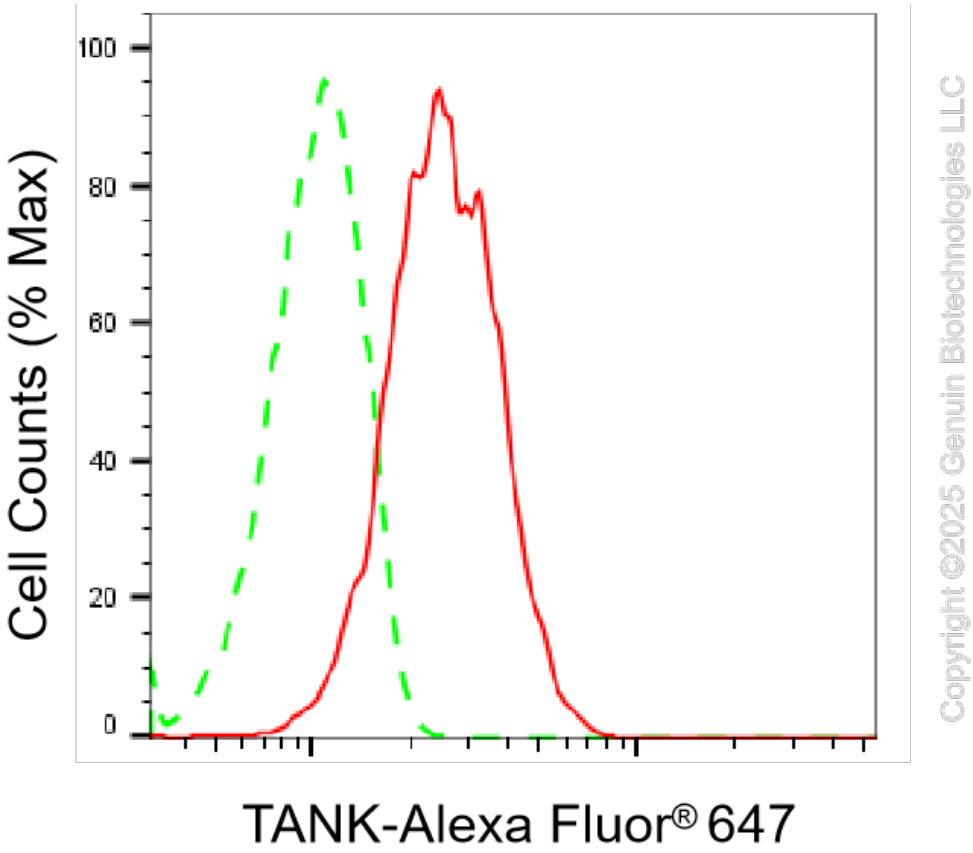


Validation of TANK knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-TANK antibody (Cat#65874, 1:2,000) and analyzed using BD flow cytometer.



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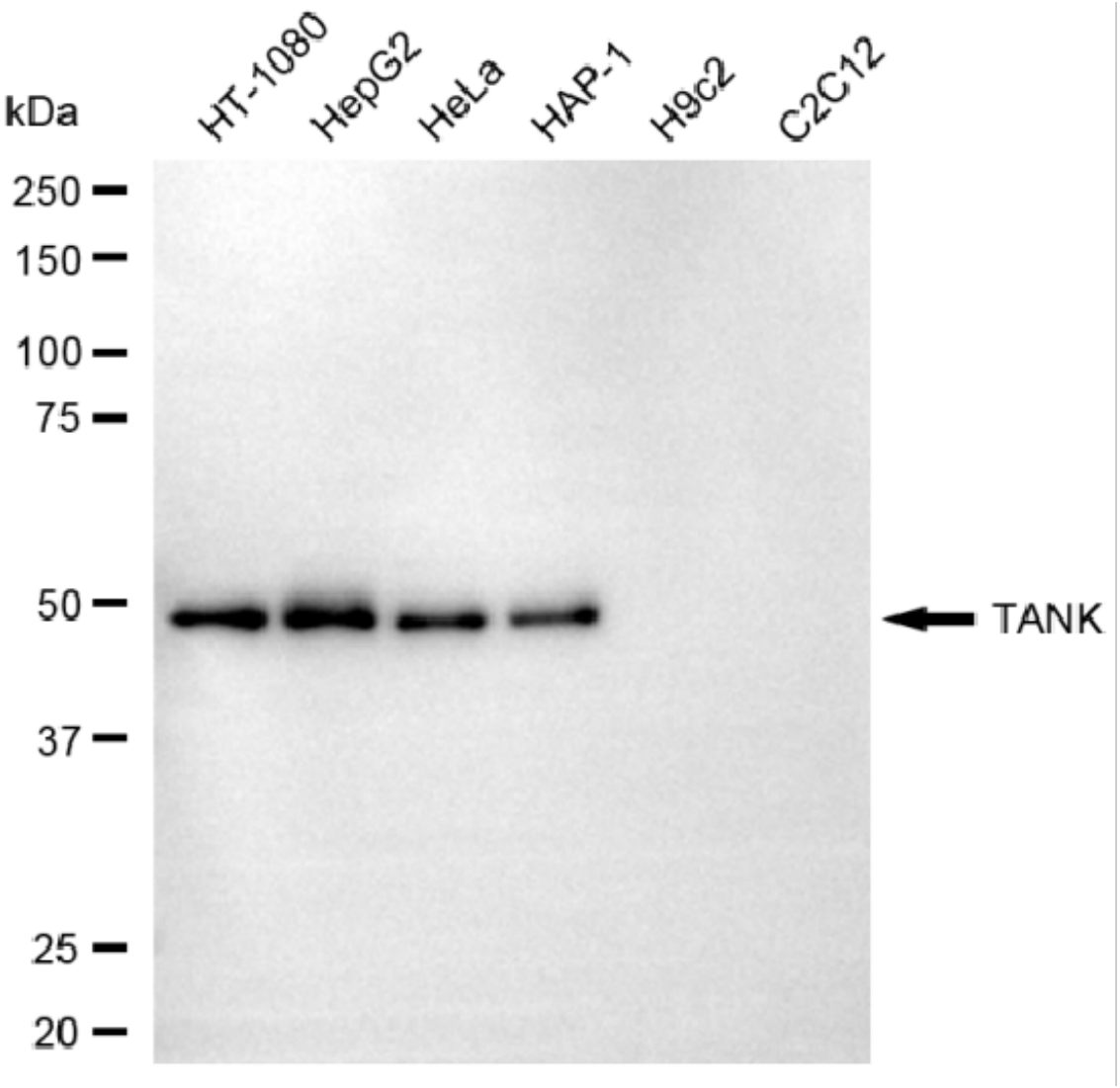

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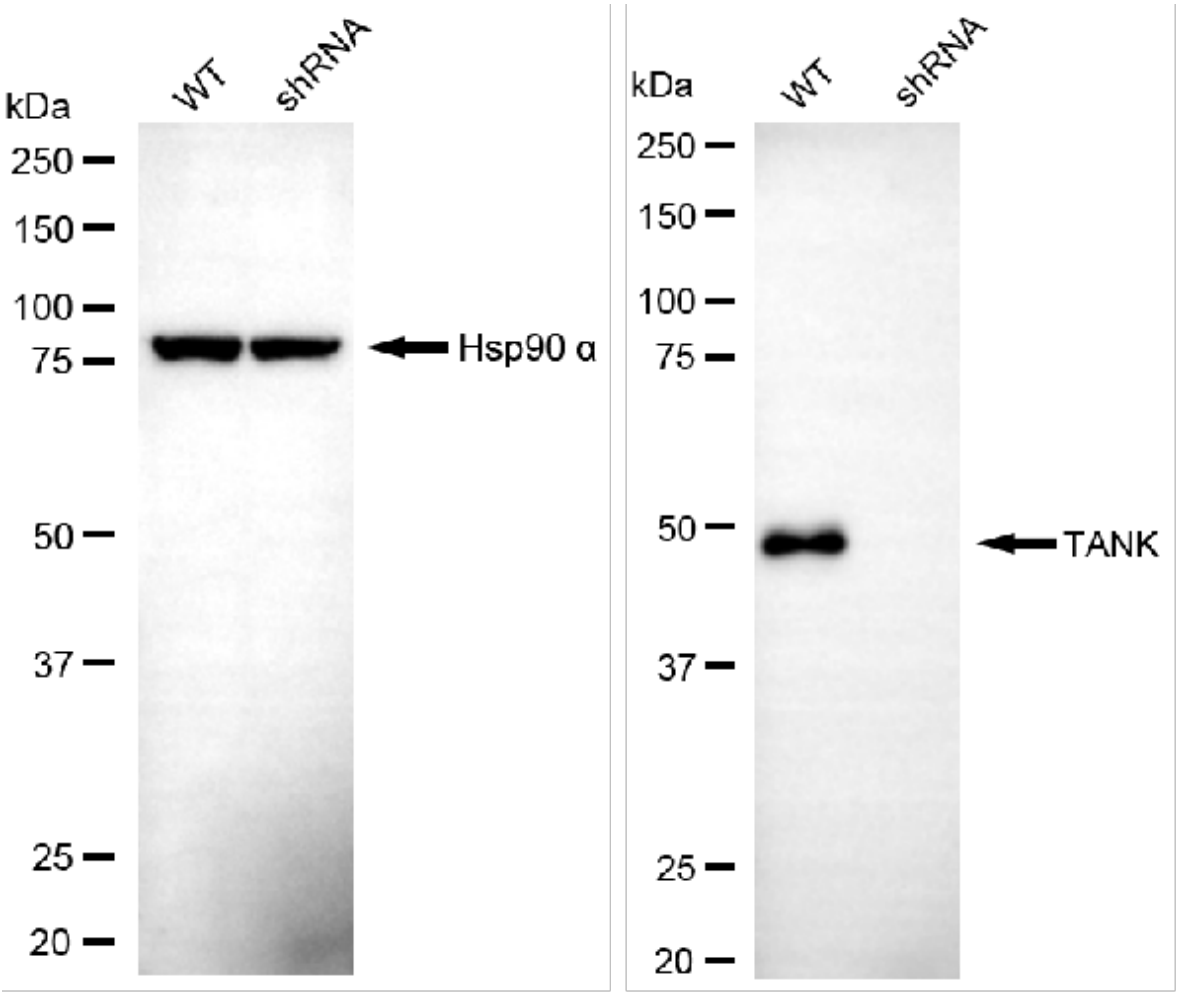

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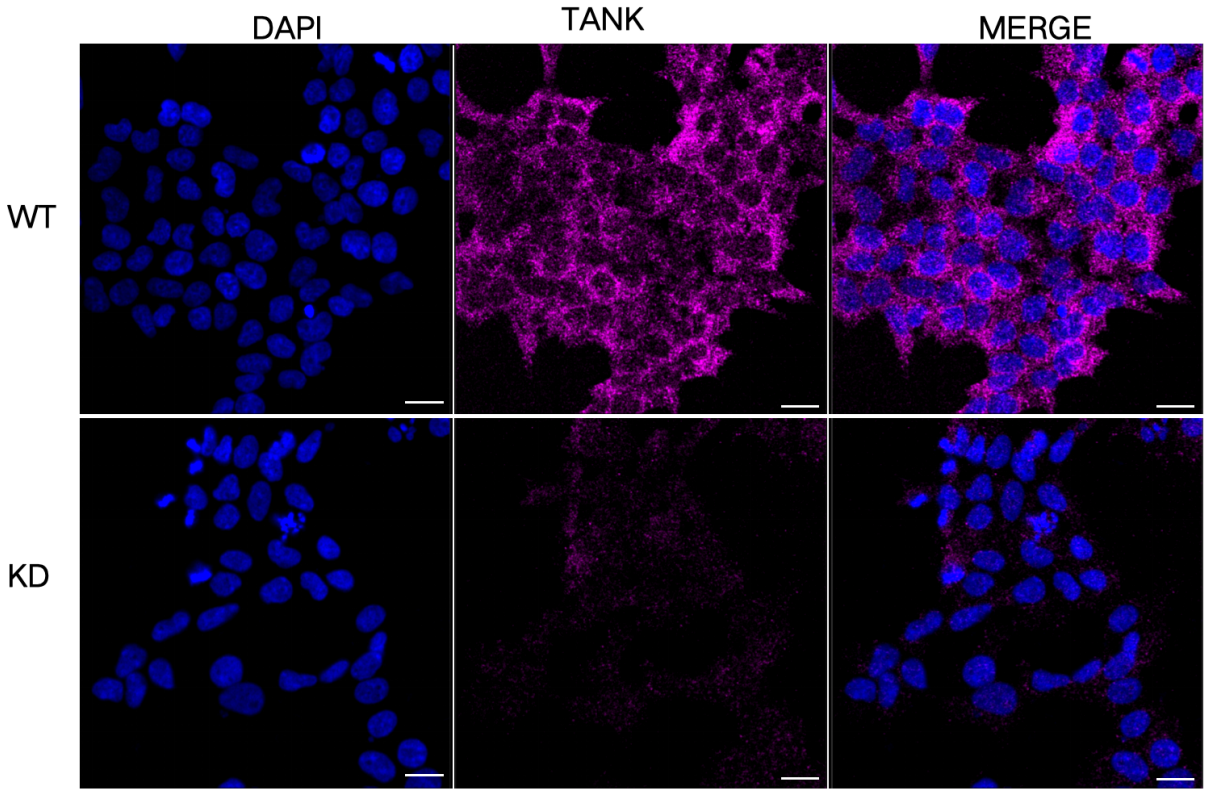

Immunocytochemical staining of HeLa cells using anti-TANK antibody (Cat#65874, 1:1,000), Top panel: wild-type (WT); Bottom panal: TANK shRNA knockdown (KD). Nuclei were stained blue with DAPI; TANK was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.