9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-TANK Binding Kinase 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1844

Product Overview

Name	KD-Validated Anti-TANK Binding Kinase 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q9UHD2
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	Recombinant protein of human TBK1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 84 kDa, observed, 74 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

Target information (Q9UHD2)

Gene Name	TBK1
About Gene Symbol	TBK1 (TANK Binding Kinase 1) is a serine/threonine protein kinase involved in NF-κB signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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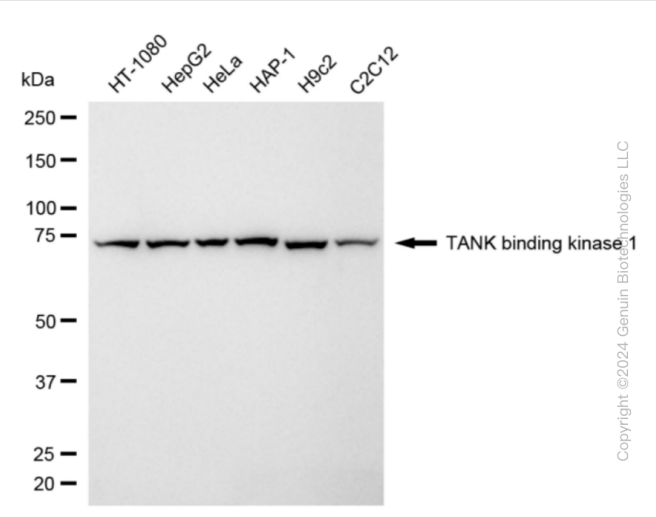
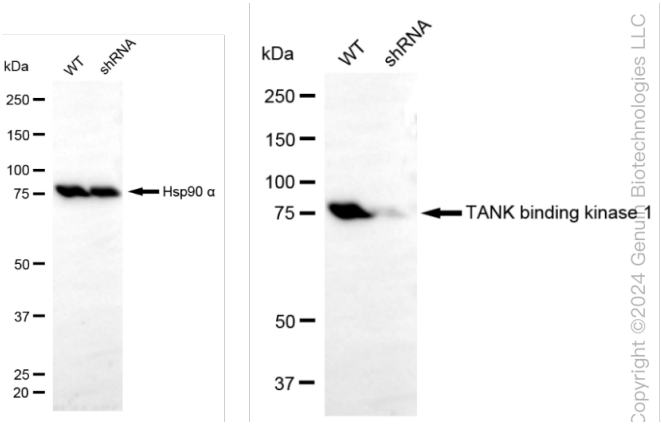
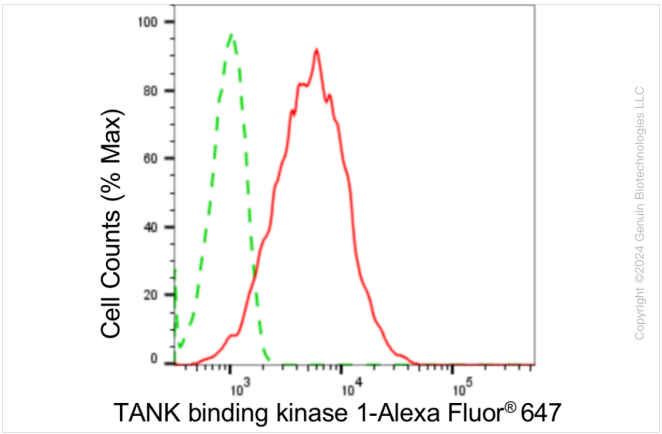


Western blotting analysis using anti-TANK binding kinase 1 antibody (Cat#ABG1844). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TANK binding kinase 1 antibody (Cat#ABG1844, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-TANK binding kinase 1 antibody (Cat#ABG1844). TANK binding kinase 1 expression in wild type (WT) and TANK binding kinase 1 (TBK1) 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 binding kinase 1 antibody (Cat#ABG1844, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of TANK binding kinase 1 expression in HepG2 cells using anti-TANK binding kinase 1 antibody (Cat#ABG1844, 1:2,000). Green, isotype control; red, TANK binding kinase 1.