

# KD-Validated Anti-Phospho-NAK/TBK1 (S172) Recombinant Rabbit Monoclonal Antibody



**Catalog #: 61294**

## Aliases

TBK1; TANK Binding Kinase 1; NAK; Serine/Threonine-Protein Kinase TBK1; NF-Kappa-B-Activating Kinase; TANK-Binding Kinase 1; T2K; NF-KB-Activating Kinase; EC 2.7.11.1; EC 2.7.11; FTDALS4; IIAE8

## Background

Gene Name: TBK1

NCBI Gene Entry: [29110](#)

UniProt Entry: [Q9UHD2](#)

## Application Information

Molecular Weight: Predicted, 84 kDa; observed, 75 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB2150

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human Phospho-NAK/TBK1 (S172)

## Isotype

Rabbit IgG

## 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): 1:1,000-1:5,000

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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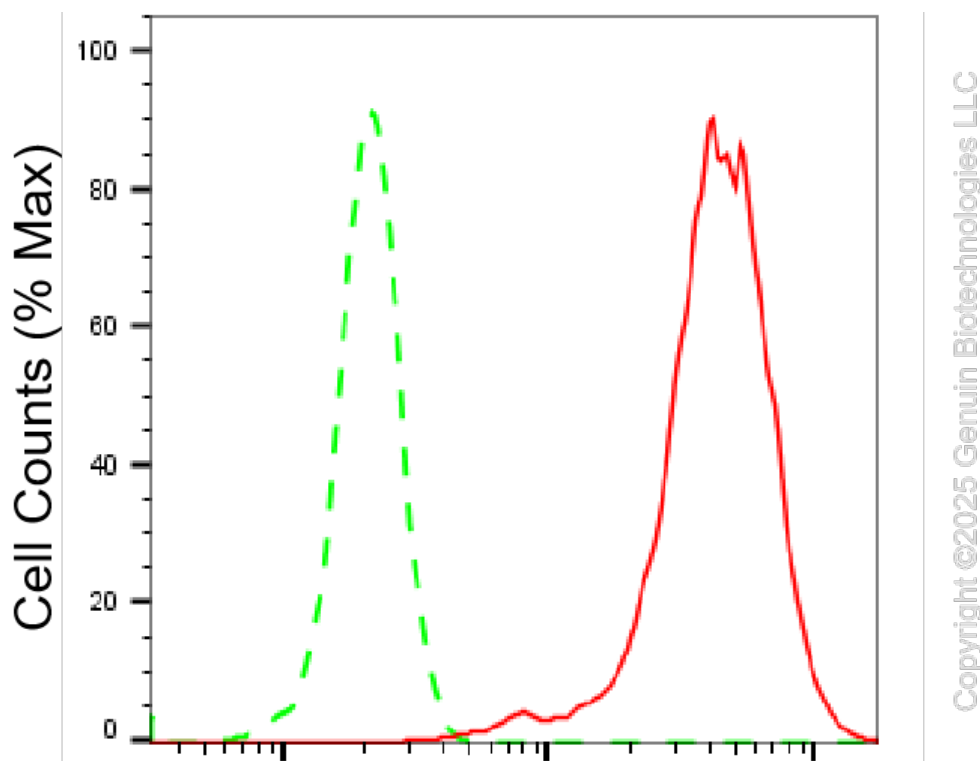
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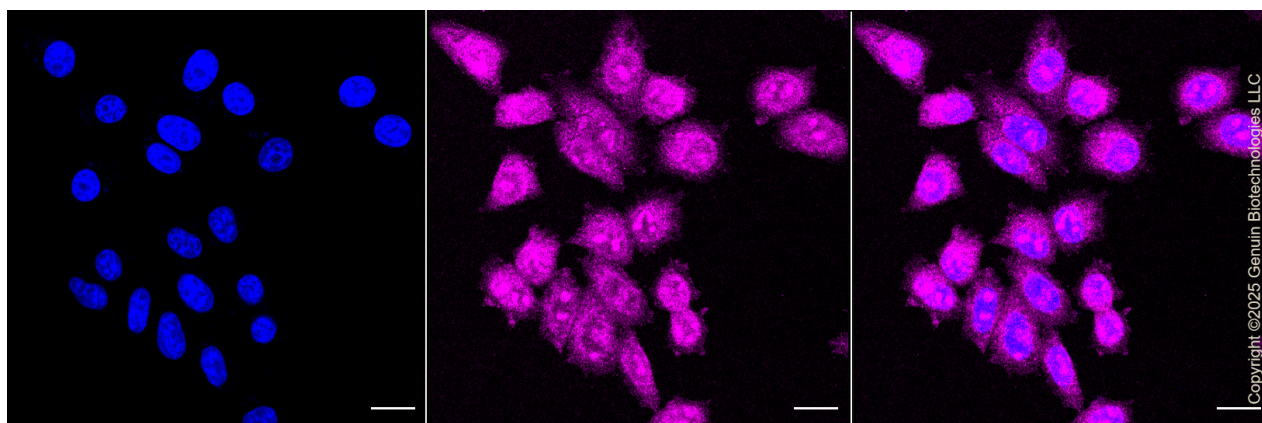
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**Validation Data**



**Phospho-NAK/TBK1 (S172)-Alexa Fluor® 647**

Flow cytometric analysis of Phospho-NAK/TBK1 (S172) expression in HepG2 cells using Phospho-NAK/TBK1 (S172) antibody (Cat#61294, 1:2,000). Green, isotype control; red, Phospho-NAK/TBK1 (S172).



Immunocytochemical staining of HepG2 cells with anti-Phospho-NAK/TBK1 (S172) antibody (Cat#61294, 1:1,000). Nuclei were stained blue with DAPI; Phospho-NAK/TBK1 (S172) 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.

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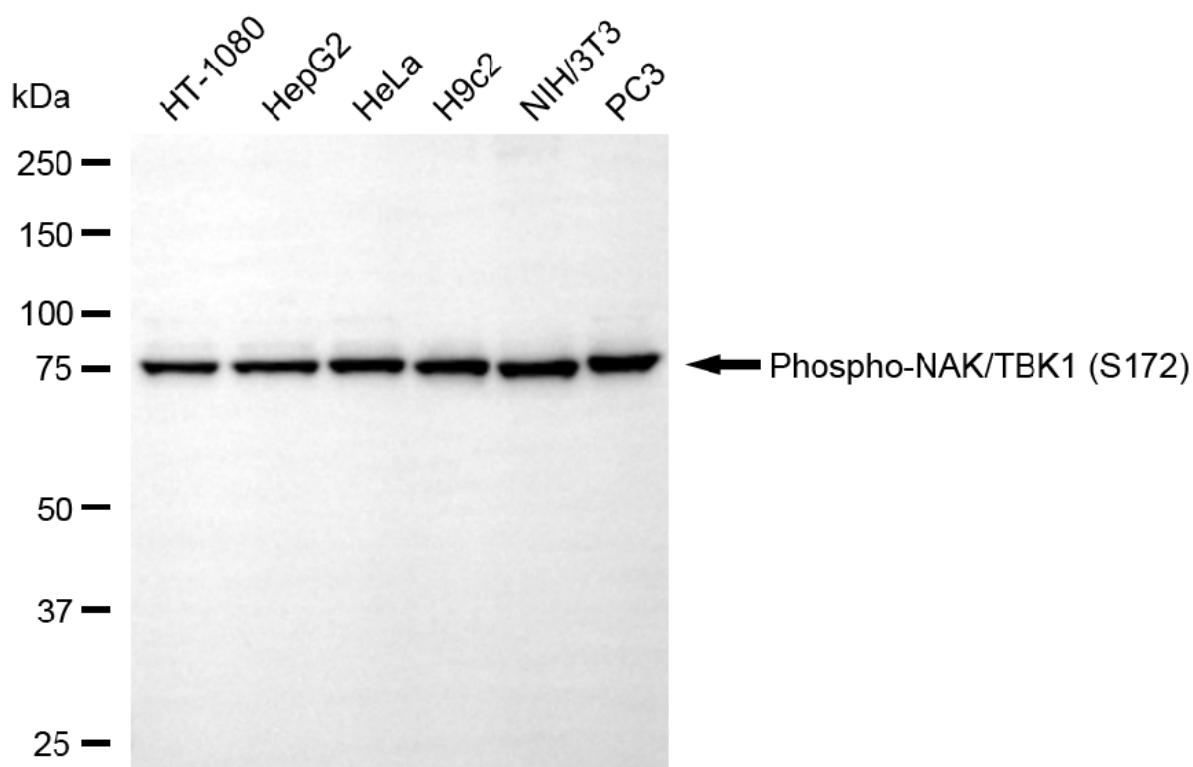
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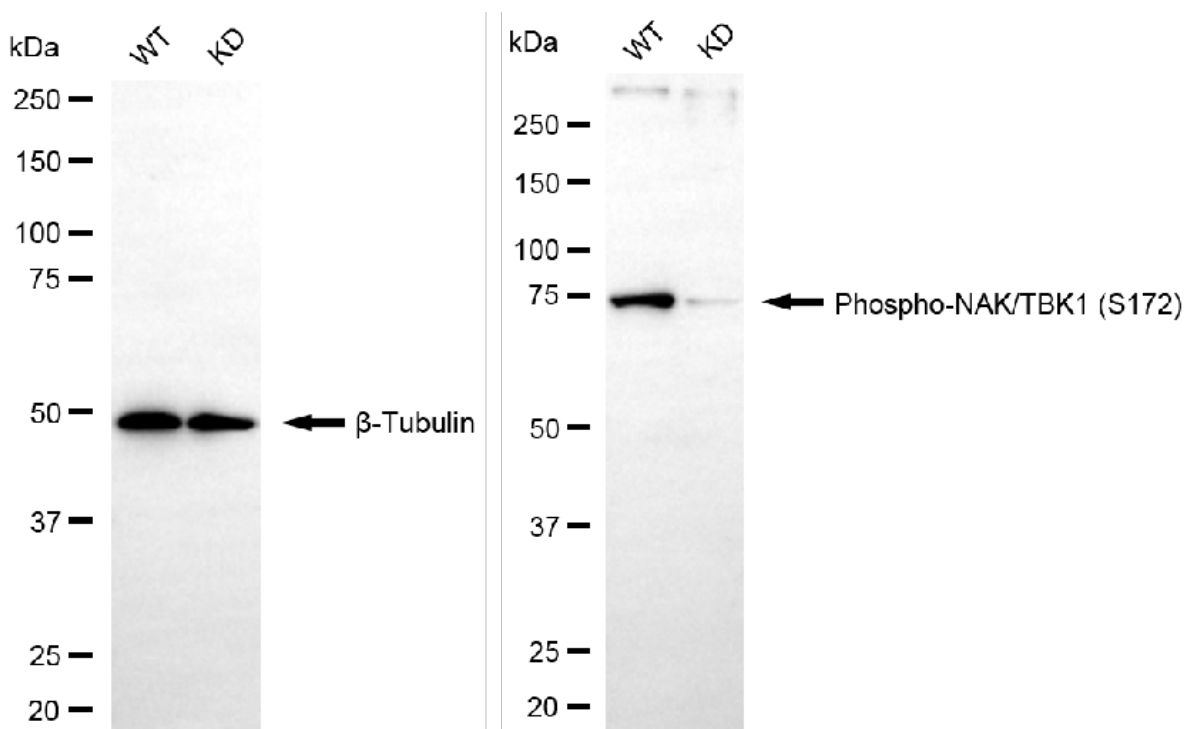
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PAGE 3



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Western blotting analysis using anti-phospho-NAK/TBK1 (S172) antibody (Cat#61294). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-NAK/TBK1 (S172) antibody (Cat#61294, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



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PAGE 4

Western blotting analysis using anti-phospho-NAK/TBK1 (S172) antibody (Cat#61294). Phospho-NAK/TBK1 (S172) expression in wild-type (WT) and TBK1 knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-phospho-NAK/TBK1 (S172) antibody (Cat#61294, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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