

# Resource Summary Report

Generated by [dkNET](#) on Aug 12, 2026

## TBK1/NAK (D1B4) XP(tm) Rabbit mAb

RRID:AB\_2255663

Type: Antibody

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### Proper Citation

Cell Signaling Technology Cat# 3504, RRID:AB\_2255663

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2255663](http://antibodyregistry.org/AB_2255663)

**Proper Citation:** Cell Signaling Technology Cat# 3504, RRID:AB\_2255663

**Target Antigen:** Tbk1

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** Applications: W, IP

**Antibody Name:** TBK1/NAK (D1B4) XP(tm) Rabbit mAb

**Description:** This monoclonal targets Tbk1

**Target Organism:** rat, mouse, human

**Antibody ID:** AB\_2255663

**Vendor:** Cell Signaling Technology

**Catalog Number:** 3504

**Record Creation Time:** 20250820T015549+0000

**Record Last Update:** 20250820T121428+0000

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### Ratings and Alerts

No rating or validation information has been found for TBK1/NAK (D1B4) XP(tm) Rabbit mAb.

No alerts have been found for TBK1/NAK (D1B4) XP(tm) Rabbit mAb.

## Data and Source Information

**Source:** [Antibody Registry](#)

## Usage and Citation Metrics

We found 211 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Han J, et al. (2026) A chemical agonist and the Golgi-resident lipid PI4P activate STING by inducing transmembrane helix rearrangement. *Immunity*, 59(1), 34.

Huang C, et al. (2026) Pregnenolone promotes immune evasion through blocking endogenous retrovirus expression. *Cell metabolism*, 38(5), 981.

Lu L, et al. (2026) Enalaprilat reverses neutrophil polarization imbalance via targeting taurine-STING axis for treatment of diabetic wounds. *Cell reports. Medicine*, 7(4), 102714.

Li Z, et al. (2026) A negative regulator of mitochondrial complex I assembly adapts respiration to cellular energy demand. *Molecular cell*.

Evdokimova V, et al. (2026) Proinflammatory signaling in Ewing sarcoma is driven by retroelement activity and counteracted by reverse transcriptase inhibitors. *Cell reports*, 45(7), 117708.

Guo D, et al. (2026) Lactate binds and inhibits the innate immune sensor STING to promote tumor immune evasion. *Immunity*, 59(7), 1811.

Hu X, et al. (2026) Immune gene diversity and STING1 variants in shaping cancer immunity across different genetic ancestry populations. *Cell reports*, 45(2), 116882.

Uhl L, et al. (2026) MYC binding to nascent RNA suppresses innate immune signaling by R-loop-derived RNA-DNA hybrids. *Cell*, 189(5), 1371.

Zhao Y, et al. (2026) Dual Covalent Targeting of STING Cysteines 292/309 Disrupts Functional Oligomerization and Enables Potent Antagonist Development. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(32), e22764.

Lyu H, et al. (2026) STING signaling modulation by COPII cargo recognition. *Cell*, 189(10), 2971.

Liao C, et al. (2026) Selective degradation of TBK1 uncovers mechanistic insights into blocking ccRCC progression. *Cell chemical biology*, 33(4), 461.

Le BV, et al. (2026) Pol?? activity modulates sensitivity to standard therapies in DNMT3A-deficient leukemia. *Cell reports. Medicine*, 7(3), 102687.

Zhang H, et al. (2026) SFPQ prevents MDA5-mediated activation of innate immunity and preserves cell viability. *Cell reports*, 45(5), 117291.

Hu M, et al. (2026) Activated T cell extracellular vesicle DNA transfer enhances antigen presentation and anti-tumor immunity. *Cancer cell*, 44(5), 965.

Li C, et al. (2026) ARID1A deficiency unleashes centromeric RNA transcription to drive chromosomal instability and boosts PKMYT1 inhibitor efficacy via RNA sensing. *bioRxiv* : the preprint server for biology.

Uprety A, et al. (2026) SETD2 Deficiency Drives Mitochondrial DNA Leakage and Creates a Druggable Dependency on BCL-xL in Clear Cell Renal Cell Carcinoma. *Cancer research*, 86(15), 3838.

Liu Y, et al. (2026) Epigenetic control of microglial mitochondrial immunity by KAT7 drives Alzheimer's disease pathogenesis. *Neuron*.

Khan F, et al. (2026) Microglial TBK1 Signaling Promotes Breast Cancer Brain Metastasis. *Cancer research*, 86(1), 12.

Wang X, et al. (2026) Chemotherapy triggers immune evasion by fostering LEPR+ Kupffer cell differentiation in liver metastases. *Cancer cell*, 44(3), 658.

Mosley SR, et al. (2026) Cytosolic DNA structures produced by mismatch repair deficiency coordinate anti-tumor immunity in colorectal cancer. *Cell reports*, 45(3), 117012.