

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

Phospho-IKK?/? (Ser176/180) (16A6) Rabbit mAb

RRID:AB_2079382

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 2697, RRID:AB_2079382)

Antibody Information

URL: http://antibodyregistry.org/AB_2079382

Proper Citation: (Cell Signaling Technology Cat# 2697, RRID:AB_2079382)

Target Antigen: Phospho-IKK?/? (Ser176/180)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IHC-F, F. Consolidation: AB_2291699, AB_10120863.

Antibody Name: Phospho-IKK?/? (Ser176/180) (16A6) Rabbit mAb

Description: This monoclonal targets Phospho-IKK?/? (Ser176/180)

Target Organism: Human, Rat, Monkey, Mouse

Clone ID: 16A6

Antibody ID: AB_2079382

Vendor: Cell Signaling Technology

Catalog Number: 2697

Alternative Catalog Numbers: 2697S, 2697L

Record Creation Time: 20260218T230855+0000

Record Last Update: 20260225T232819+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-IKK α / β (Ser176/180) (16A6) Rabbit mAb.

No alerts have been found for Phospho-IKK α / β (Ser176/180) (16A6) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 98 mentions in open access literature.

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

Wu MM, et al. (2026) Macrophage PD-1 regulates energy expenditure and metabolic dysfunction under immune checkpoint blockade. *Cell metabolism*, 38(1), 208.

Zhang T, et al. (2025) ENKD1 modulates innate immune responses through enhanced geranylgeranyl pyrophosphate synthase activity. *Cell reports*, 44(3), 115397.

Kojima R, et al. (2025) Elaidic acid drives cellular senescence and inflammation via lipid raft-mediated IL-1R signaling. *iScience*, 28(9), 113305.

Bernaleau L, et al. (2025) CCDC134 controls TLR biogenesis through the ER chaperone Gp96. *The Journal of experimental medicine*, 222(3).

Wu HC, et al. (2025) Sigma-1 receptor counteracts non-cell-autonomous poly-PR-induced astrocytic oxidative stress in C9orf72 ALS. *Redox biology*, 87, 103875.

Zhou Z, et al. (2025) Muscle metabolic resilience and enhanced exercise adaptation by Esr1-induced remodeling of mitochondrial cristae-nucleoid architecture in males. *Cell reports. Medicine*, 6(5), 102116.

Wang Z, et al. (2025) NANS suppresses NF- κ B signaling to promote ferroptosis by perturbing iron homeostasis. *Cell reports*, 44(5), 115701.

Hu P, et al. (2025) Macrophage-specific PHGDH protects against MAFLD by suppressing TAK1. *Cell reports*, 44(3), 115426.

Zhang L, et al. (2025) Stress triggers irritable bowel syndrome with diarrhea through a spermidine-mediated decline in type I interferon. *Cell metabolism*, 37(1), 87.

Pang SJ, et al. (2025) RNA polymerase II subunit 5-mediating protein limits TLR4-induced innate immune activation in macrophages by inhibiting IKK α /NF- κ B signaling during sepsis. *Cell communication and signaling : CCS*, 23(1), 274.

Xie M, et al. (2025) Tumor-resident probiotic *Clostridium butyricum* improves aPD-1 efficacy in colorectal cancer models by inhibiting IL-6-mediated immunosuppression. *Cancer cell*.

Liang X, et al. (2025) Limited activation interdependence and differing patterns of the in vivo effects of IKK1 and IKK2 downstream of NIK. *Cell reports*, 44(10), 116404.

Lauriola A, et al. (2025) The E3 ligase RNF32 controls the I κ B kinase complex and NF- κ B signaling in intestinal stem cells. *Molecular cell*, 85(22), 4254.

Sarkar R, et al. (2025) The ZFP36-FTO axis is a key regulator of macrophage activation and a druggable therapeutic target of sepsis. *iScience*, 28(12), 114060.

Shi Y, et al. (2025) Piezo1 senses hyphae and initiates host defense against pathogenic fungi. *Cell reports*, 44(6), 115839.

Joseph S, et al. (2025) MAPK14/p38 γ shapes the molecular landscape of endometrial cancer and promotes tumorigenic characteristics. *Cell reports*, 44(1), 115104.

Borar P, et al. (2025) Dual-specific autophosphorylation of kinase IKK2 enables phosphorylation of substrate I κ B α through a phosphoenzyme intermediate. *eLife*, 13.

Qin Z, et al. (2025) Co-targeting BMI1 and MYC to eliminate cancer stem cells in squamous cell carcinoma. *Cell reports. Medicine*, 6(5), 102077.

Zhang M, et al. (2025) Microbiota-derived urocanic acid triggered by tyrosine kinase inhibitors potentiates cancer immunotherapy efficacy. *Cell host & microbe*, 33(6), 915.

Endo A, et al. (2025) Ubiquitination-activated TAB-TAK1-IKK-NF- κ B axis modulates gene expression for cell survival in the lysosomal damage response. *eLife*, 14.