

# Resource Summary Report

Generated by [RRID](#) on Aug 11, 2026

## Pyk2 Antibody

RRID:AB\_2174097

Type: Antibody

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### Proper Citation

Cell Signaling Technology Cat# 3292, RRID:AB\_2174097

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2174097](http://antibodyregistry.org/AB_2174097)

**Proper Citation:** Cell Signaling Technology Cat# 3292, RRID:AB\_2174097

**Target Antigen:** Ptk2b

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: W, IP. Consolidation on 10/2018: AB\_10692914, AB\_2174097.

**Antibody Name:** Pyk2 Antibody

**Description:** This polyclonal targets Ptk2b

**Target Organism:** mouse, human

**Antibody ID:** AB\_2174097

**Vendor:** Cell Signaling Technology

**Catalog Number:** 3292

**Record Creation Time:** 20250820T071229+0000

**Record Last Update:** 20250821T014958+0000

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### Ratings and Alerts

No rating or validation information has been found for Pyk2 Antibody.

No alerts have been found for Pyk2 Antibody.

## Data and Source Information

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

## Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Park C, et al. (2026) A Rasa3-G $\beta$ i signaling axis orchestrates B lymphocyte trafficking into and through lymphoid organs. *Cell reports*, 45(4), 117243.

Mizuno Y, et al. (2025) Focal Adhesion Kinase-Dependent Reprogramming of IFN- $\gamma$  Signaling through PYK2 Coinhibition Sensitizes Melanoma to Immune Checkpoint Blockade. *The Journal of investigative dermatology*.

Erkens R, et al. (2024) Inhibition of proline-rich tyrosine kinase 2 restores cardioprotection by remote ischaemic preconditioning in type 2 diabetes. *British journal of pharmacology*, 181(21), 4174.

Sequeira MK, et al. (2023) Cocaine and habit training cause dendritic spine rearrangement in the prelimbic cortex. *iScience*, 26(4), 106240.

Luo J, et al. (2023) Lipids regulate peripheral serotonin release via gut CD1d. *Immunity*, 56(7), 1533.

Kim K, et al. (2023) Cell Competition Shapes Metastatic Latency and Relapse. *Cancer discovery*, 13(1), 85.

Wang D, et al. (2022) SIRP $\alpha$  maintains macrophage homeostasis by interacting with PTK2B kinase in *Mycobacterium tuberculosis* infection and through autophagy and necroptosis. *EBioMedicine*, 85, 104278.

Brody AH, et al. (2022) Alzheimer risk gene product Pyk2 suppresses tau phosphorylation and phenotypic effects of tauopathy. *Molecular neurodegeneration*, 17(1), 32.

Nguyen GT, et al. (2021) Neutrophils require SKAP2 for reactive oxygen species production following C-type lectin and *Candida* stimulation. *iScience*, 24(8), 102871.

Nguyen GT, et al. (2020) SKAP2 is required for defense against *K. pneumoniae* infection and neutrophil respiratory burst. *eLife*, 9.