

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 12, 2025

## Mouse Anti-Pyk2 Monoclonal Antibody, Unconjugated, Clone 5E2

RRID:AB\_2174093

Type: Antibody

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### Proper Citation

(Cell Signaling Technology Cat# 3480, RRID:AB\_2174093)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2174093](http://antibodyregistry.org/AB_2174093)

**Proper Citation:** (Cell Signaling Technology Cat# 3480, RRID:AB\_2174093)

**Target Antigen:** PTK2B

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: W, IP

**Antibody Name:** Mouse Anti-Pyk2 Monoclonal Antibody, Unconjugated, Clone 5E2

**Description:** This monoclonal targets PTK2B

**Target Organism:** mouse, human

**Antibody ID:** AB\_2174093

**Vendor:** Cell Signaling Technology

**Catalog Number:** 3480

**Record Creation Time:** 20231110T045949+0000

**Record Last Update:** 20241115T090426+0000

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### Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Pyk2 Monoclonal Antibody, Unconjugated, Clone 5E2.

No alerts have been found for Mouse Anti-Pyk2 Monoclonal Antibody, Unconjugated, Clone 5E2.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 10 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Zhang Y, et al. (2024) Nuclear Focal Adhesion Kinase Protects against Cisplatin Stress in Ovarian Carcinoma. *Cancer research communications*, 4(12), 3165.

Liao Y, et al. (2024) Differential network analysis of ROS1 inhibitors reveals lorlatinib polypharmacology through co-targeting PYK2. *Cell chemical biology*, 31(2), 284.

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

Rastogi M, et al. (2020) Zika virus NS1 affects the junctional integrity of human brain microvascular endothelial cells. *Biochimie*, 176, 52.

Paoletti A, et al. (2019) HIV-1 Envelope Overcomes NLRP3-Mediated Inhibition of F-Actin Polymerization for Viral Entry. *Cell reports*, 28(13), 3381.

Diaz Osterman CJ, et al. (2019) FAK activity sustains intrinsic and acquired ovarian cancer resistance to platinum chemotherapy. *eLife*, 8.

Jia C, et al. (2019) Vitronectin from brain pericytes promotes adult forebrain neurogenesis by stimulating CNTF. *Experimental neurology*, 312, 20.

Salazar SV, et al. (2019) Alzheimer's Disease Risk Factor Pyk2 Mediates Amyloid- $\beta$ -Induced Synaptic Dysfunction and Loss. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(4), 758.

Takahashi N, et al. (2018) Cancer Cells Co-opt the Neuronal Redox-Sensing Channel TRPA1 to Promote Oxidative-Stress Tolerance. *Cancer cell*, 33(6), 985.

Keasey MP, et al. (2018) Blood vitronectin is a major activator of LIF and IL-6 in the brain through integrin-FAK and uPAR signaling. *Journal of cell science*, 131(3).