

Resource Summary Report

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

Phospho-FAK (Tyr397)

RRID:AB_2173659

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3283, RRID:AB_2173659

Antibody Information

URL: http://antibodyregistry.org/AB_2173659

Proper Citation: Cell Signaling Technology Cat# 3283, RRID:AB_2173659

Target Antigen: pFAK (Tyr397)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 11/2018: AB_10327658, AB_10327659, AB_2173659, AB_2728634.

Antibody Name: Phospho-FAK (Tyr397)

Description: This polyclonal targets pFAK (Tyr397)

Target Organism: rat, hamster, pig, mouse, human

Antibody ID: AB_2173659

Vendor: Cell Signaling Technology

Catalog Number: 3283

Record Creation Time: 20250820T065934+0000

Record Last Update: 20250821T012225+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-FAK (Tyr397) .

No alerts have been found for Phospho-FAK (Tyr397) .

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 59 mentions in open access literature.

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

Elhaw AT, et al. (2026) RHOV Is a Detachment-Responsive Rho GTPase Necessary for Ovarian Cancer Peritoneal Metastasis. *Cancer research*, 86(11), 2623.

Lu Y, et al. (2026) Chemomechanical remodeling of glucocorticoid-sensitive fibroblasts for multimodal synergistic therapy of skin fibrosis. *Cell reports. Medicine*, 7(2), 102592.

Sardella-Silva G, et al. (2026) Optimized laminin surfaces induce spontaneous myelination by neonate mice dorsal root ganglia. *Molecular and cellular neurosciences*, 137, 104089.

Liu S, et al. (2026) Cholesterol-Mediated Metabolic-mechanotransductive Crosstalk Orchestrates Castration Resistance in Prostate Cancer. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e75977.

Kobayashi H, et al. (2026) Netrin-1 Promotes Pancreatic Tumorigenesis and Innervation through NEO1. *Cancer research*, 86(8), 1883.

Cox D, et al. (2026) FAK inhibition following acute olfactory epithelial inflammation promotes neurogenesis and functional recovery through stem cell CNTF. *Stem cells (Dayton, Ohio)*, 44(4).

An K, et al. (2026) Hypoxia-activated PROTAC for dual inhibition of FAK and EGFR enables synergistic mechano-chemical cancer therapy. *Neoplasia (New York, N.Y.)*, 79, 101328.

Pyun WY, et al. (2026) Nutrient Availability Dictates Cancer Metabolism-Based Therapeutic Responses to Nononcology Drugs. *Cancer research*, 86(5), 1194.

Shen Y, et al. (2026) CCL1-AMFR Facilitates Glioblastoma Progression by Modulating the Cross-talk between Glioma Cells and Tumor-Associated Macrophages. *Cancer immunology research*, 14(4), 676.

Yu Y, et al. (2025) PTEN protein phosphatase activity regulates metastasis by targeting PKC?. *iScience*, 28(6), 112741.

Xiao J, et al. (2025) Coordination of Focal Adhesion Nanoarchitecture and Dynamics in Mechanosensing for Cardiomyoblast Differentiation. *ACS applied materials & interfaces*, 17(3), 4463.

Williamson CR, et al. (2025) Reduced nephrin tyrosine phosphorylation impairs podocyte force transmission and accelerates detachment in disease. *iScience*, 28(6), 112673.

Dai Z, et al. (2025) N-cadherin-triggered myosin II inactivation provides tumor cells with a mechanical cell competition advantage and chemotherapy resistance. *Developmental cell*, 60(12), 1784.

Almazan J, et al. (2025) Combined inhibition of focal adhesion kinase and RAF/MEK elicits synergistic inhibition of melanoma growth and reduces metastases. *Cell reports. Medicine*, 6(2), 101943.

Okuyama T, et al. (2025) The matricellular protein Fibulin-5 regulates γ -cell proliferation in an autocrine/paracrine manner. *iScience*, 28(2), 111856.

Zhao Y, et al. (2025) The FAK-NRF2 Axis Alleviates DOX-Induced Cardiotoxicity by Inhibiting Ferroptosis. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(23), e71289.

Bolamperti S, et al. (2024) Tgif1-deficiency impairs cytoskeletal architecture in osteoblasts by activating PAK3 signaling. *eLife*, 13.

Pifer PM, et al. (2024) FAK Drives Resistance to Therapy in HPV-Negative Head and Neck Cancer in a p53-Dependent Manner. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(1), 187.

Jia C, et al. (2024) Astrocyte focal adhesion kinase reduces passive stress coping by inhibiting ciliary neurotrophic factor only in female mice. *Neurobiology of stress*, 30, 100621.

Glotzbach K, et al. (2024) Substrate-bound and soluble domains of tenascin-C regulate differentiation, proliferation and migration of neural stem and progenitor cells. *Frontiers in cellular neuroscience*, 18, 1357499.