

# Resource Summary Report

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

## Anti-FACL4 antibody [EPR8640]

RRID:AB\_2714020

Type: Antibody

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### Proper Citation

(Abcam Cat# ab155282, RRID:AB\_2714020)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2714020](http://antibodyregistry.org/AB_2714020)

**Proper Citation:** (Abcam Cat# ab155282, RRID:AB\_2714020)

**Target Antigen:** FACL4

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** Image validation available for WB, IHC-P, IP, ICC/IF, Flow Cytometry in MDS.

**Antibody Name:** Anti-FACL4 antibody [EPR8640]

**Description:** This monoclonal targets FACL4

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

**Clone ID:** EPR8640

**Antibody ID:** AB\_2714020

**Vendor:** Abcam

**Catalog Number:** ab155282

**Record Creation Time:** 20231110T033813+0000

**Record Last Update:** 20240725T003215+0000

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### Ratings and Alerts

No rating or validation information has been found for Anti-FACL4 antibody [EPR8640].

No alerts have been found for Anti-FACL4 antibody [EPR8640].

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Miao ZF, et al. (2024) Metaplastic regeneration in the mouse stomach requires a reactive oxygen species pathway. *Developmental cell*, 59(9), 1175.

Zha X, et al. (2024) Microbiota-derived lysophosphatidylcholine alleviates Alzheimer's disease pathology via suppressing ferroptosis. *Cell metabolism*.

Wang Z, et al. (2024) Metformin alleviates spinal cord injury by inhibiting nerve cell ferroptosis through upregulation of heme oxygenase-1 expression. *Neural regeneration research*, 19(9), 2041.

Yang G, et al. (2024) Spliceosomal GTPase Eftud2 deficiency-triggered ferroptosis leads to Purkinje cell degeneration. *Neuron*, 112(20), 3452.

Peng Q, et al. (2024) IDH2-NADPH pathway protects against acute pancreatitis via suppressing acinar cell ferroptosis. *British journal of pharmacology*, 181(20), 4067.

Lv H, et al. (2024) USP7 upregulated by TGF- $\beta$ 1 promotes ferroptosis via inhibiting LATS1-YAP axis in sepsis-induced acute lung injury. *iScience*, 27(6), 109667.

Jiang W, et al. (2024) Targeting the Ferroptosis and Endoplasmic Reticulum Stress Signaling Pathways by CBX7 in Myocardial Ischemia/reperfusion Injury. *Cell biochemistry and biophysics*, 82(3), 2171.

Li JZ, et al. (2023) Bioinformatics analysis of ferroptosis in spinal cord injury. *Neural regeneration research*, 18(3), 626.

Lv Y, et al. (2023) Low ferroptosis score predicts chemotherapy responsiveness and immune-activation in colorectal cancer. *Cancer medicine*, 12(2), 2033.

Chen H, et al. (2023) Mechanism of SOX10 in ferroptosis of hippocampal neurons after intracerebral hemorrhage via the miR-29a-3p/ACSL4 axis. *Journal of neurophysiology*, 129(4), 862.

Zhang JR, et al. (2023) Bullatine A has an antidepressant effect in chronic social defeat stress mice; Implication of microglial inflammasome. *Brain research bulletin*, 195, 130.

Zhang L, et al. (2023) Fucoxanthin ameliorates traumatic brain injury by suppressing the blood-brain barrier disruption. *iScience*, 26(11), 108270.

He XY, et al. (2023) Compound-42 alleviates acute kidney injury by targeting RIPK3-mediated necroptosis. *British journal of pharmacology*, 180(20), 2641.

Capelo-Diz A, et al. (2023) Hepatic levels of S-adenosylmethionine regulate the adaptive response to fasting. *Cell metabolism*, 35(8), 1373.

Yang F, et al. (2023) Ferroptosis heterogeneity in triple-negative breast cancer reveals an innovative immunotherapy combination strategy. *Cell metabolism*, 35(1), 84.

Li W, et al. (2023) Ferroptosis inhibition protects vascular endothelial cells and maintains integrity of the blood-spinal cord barrier after spinal cord injury. *Neural regeneration research*, 18(11), 2474.

Dang D, et al. (2022) Integrative analysis links ferroptosis to necrotizing enterocolitis and reveals the role of ACSL4 in immune disorders. *iScience*, 25(11), 105406.

Ide S, et al. (2022) Sex differences in resilience to ferroptosis underlie sexual dimorphism in kidney injury and repair. *Cell reports*, 41(6), 111610.

Wang F, et al. (2022) PALP: A rapid imaging technique for stratifying ferroptosis sensitivity in normal and tumor tissues in situ. *Cell chemical biology*, 29(1), 157.

Liao P, et al. (2022) CD8<sup>+</sup> T cells and fatty acids orchestrate tumor ferroptosis and immunity via ACSL4. *Cancer cell*, 40(4), 365.