

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

ERK1 + ERK2 antibody

RRID:AB_2297336

Type: Antibody

Proper Citation

Abcam Cat# ab17942, RRID:AB_2297336

Antibody Information

URL: http://antibodyregistry.org/AB_2297336

Proper Citation: Abcam Cat# ab17942, RRID:AB_2297336

Target Antigen: MAPK3

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunohistochemistry

Antibody Name: ERK1 + ERK2 antibody

Description: This polyclonal targets MAPK3

Target Organism: cow, mouse, dog, human

Antibody ID: AB_2297336

Vendor: Abcam

Catalog Number: ab17942

Record Creation Time: 20250819T212345+0000

Record Last Update: 20250819T224916+0000

Ratings and Alerts

No rating or validation information has been found for ERK1 + ERK2 antibody.

No alerts have been found for ERK1 + ERK2 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Wang X, et al. (2026) Design optimization of antibody-ligand motifs to enhance CAR-T redirection activity against solid tumors. *Cell reports. Medicine*, 7(7), 102885.

Blidner AG, et al. (2025) Glycosylation-driven programs coordinate immunoregulatory and pro-angiogenic functions of myeloid-derived suppressor cells. *Immunity*, 58(6), 1553.

Mitra D, et al. (2023) Lupeol synergizes with 5-fluorouracil to combat c-MET/EphA2 mediated chemoresistance in triple negative breast cancer. *iScience*, 26(12), 108395.

Pan C, et al. (2023) Hepatocyte CHRNA4 mediates the MASH-promotive effects of immune cell-produced acetylcholine and smoking exposure in mice and humans. *Cell metabolism*, 35(12), 2231.

Ormsby TJR, et al. (2022) Oxysterols Protect Epithelial Cells Against Pore-Forming Toxins. *Frontiers in immunology*, 13, 815775.

Horlock AD, et al. (2021) Manipulating bovine granulosa cell energy metabolism limits inflammation. *Reproduction (Cambridge, England)*, 161(5), 499.

Kanbur E, et al. (2021) Molecular analysis of cell survival and death pathways in the proteasome inhibitor bortezomib-resistant PC3 prostate cancer cell line. *Medical oncology (Northwood, London, England)*, 38(9), 112.

Julku UH, et al. (2021) Prolyl Oligopeptidase Regulates Dopamine Transporter Oligomerization and Phosphorylation in a PKC- and ERK-Independent Manner. *International journal of molecular sciences*, 22(4).

Parulekar A, et al. (2021) SMAR1 suppresses the cancer stem cell population via hTERT repression in colorectal cancer cells. *The international journal of biochemistry & cell biology*, 141, 106085.

Vignier N, et al. (2021) The non-muscle ADF/cofilin-1 controls sarcomeric actin filament integrity and force production in striated muscle laminopathies. *Cell reports*, 36(8), 109601.

Semina EV, et al. (2020) Downregulation of uPAR promotes urokinase translocation into the nucleus and epithelial to mesenchymal transition in neuroblastoma. *Journal of cellular physiology*, 235(9), 6268.

Du X, et al. (2020) Combinational Pretreatment of Colony-Stimulating Factor 1 Receptor Inhibitor and Triptolide Upregulates BDNF-Akt and Autophagic Pathways to Improve

Cerebral Ischemia. Mediators of inflammation, 2020, 8796103.

Fan J, et al. (2019) Roles of Nrf2/HO-1 and HIF-1 α /VEGF in lung tissue injury and repair following cerebral ischemia/reperfusion injury. Journal of cellular physiology, 234(6), 7695.

Cui S, et al. (2017) CXCL8 Antagonist Improves Diabetic Nephropathy in Male Mice With Diabetes and Attenuates High Glucose-Induced Mesangial Injury. Endocrinology, 158(6), 1671.