Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 10, 2025

p-ERK (E-4)

RRID:AB_627545
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-7383, RRID:AB_627545)

Antibody Information

URL: http://antibodyregistry.org/AB_627545

Proper Citation: (Santa Cruz Biotechnology Cat# sc-7383, RRID:AB_627545)

Target Antigen: p-ERK (E-4)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunocytochemistry; Immunoprecipitation; Immunohistochemistry; Western Blot; WB, IP, IF, IHC(P), ELISA

Antibody Name: p-ERK (E-4)

Description: This monoclonal targets p-ERK (E-4)

Target Organism: rat, mouse, human

Antibody ID: AB_627545

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-7383

Record Creation Time: 20241016T215904+0000

Record Last Update: 20241016T215930+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:TRUE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for p-ERK (E-4).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 48 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Karagianni F, et al. (2024) Combination of JAKi and HDACi Exerts Antiangiogenic Potential in Cutaneous T-Cell Lymphoma. Cancers, 16(18).

Hosseini SA, et al. (2024) Epigenetic disruption of histone deacetylase-2 accelerated apoptotic signaling and retarded malignancy in gastric cells. Epigenomics, 16(5), 277.

de Almeida V, et al. (2024) NMDA glutamate receptor antagonist MK-801 induces proteome changes in adult human brain slices which are partially counteracted by haloperidol and clozapine. Journal of neurochemistry, 168(3), 238.

Hung CH, et al. (2024) Defective N-glycosylation of IL6 induces metastasis and tyrosine kinase inhibitor resistance in lung cancer. Nature communications, 15(1), 7885.

Walker TJ, et al. (2024) Loss of tumor suppressor TMEM127 drives RET-mediated transformation through disrupted membrane dynamics. eLife, 12.

Martín-Vega A, et al. (2023) Scaffold coupling: ERK activation by trans-phosphorylation across different scaffold protein species. Science advances, 9(7), eadd7969.

Kaehler M, et al. (2023) Clonal evolution in tyrosine kinase inhibitor-resistance: lessons from in vitro-models. Frontiers in oncology, 13, 1200897.

Singh DK, et al. (2023) 5-Azacytidine- and retinoic-acid-induced reprogramming of DCCs into dormancy suppresses metastasis via restored TGF-?-SMAD4 signaling. Cell reports, 42(6), 112560.

Iguchi A, et al. (2023) INPP5D modulates TREM2 loss-of-function phenotypes in a ?-amyloidosis mouse model. iScience, 26(4), 106375.

Fan Y, et al. (2023) Ultrafast distant wound response is essential for whole-body regeneration. Cell, 186(17), 3606.

Ahmed ASI, et al. (2022) Calcium released by osteoclastic resorption stimulates autocrine/paracrine activities in local osteogenic cells to promote coupled bone formation. American journal of physiology. Cell physiology, 322(5), C977.

Karagianni F, et al. (2022) Combination of Resminostat with Ruxolitinib Exerts Antitumor Effects in the Chick Embryo Chorioallantoic Membrane Model for Cutaneous T Cell Lymphoma. Cancers, 14(4).

Lee Y, et al. (2022) Combinatorial prophylactic effect of phlorotannins with photobiomodulation against tracheal stenosis. iScience, 25(11), 105405.

Qiu N, et al. (2022) Artemisinin inhibits NRas palmitoylation by targeting the protein acyltransferase ZDHHC6. Cell chemical biology, 29(3), 530.

Nanou A, et al. (2021) Endothelial Tpl2 regulates vascular barrier function via JNK-mediated degradation of claudin-5 promoting neuroinflammation or tumor metastasis. Cell reports, 35(8), 109168.

Medina CB, et al. (2021) Pannexin 1 channels facilitate communication between T cells to restrict the severity of airway inflammation. Immunity, 54(8), 1715.

Qiu W, et al. (2021) Identification and characterization of a novel adiponectin receptor agonist adipo anti-inflammation agonist and its anti-inflammatory effects in vitro and in vivo. British journal of pharmacology, 178(2), 280.

Yoshida J, et al. (2021) Mitochondrial complex I inhibitors suppress tumor growth through concomitant acidification of the intra- and extracellular environment. iScience, 24(12), 103497.

Kennon AM, et al. (2021) RAGE Differentially Altered in vitro Responses in Vascular Smooth Muscle Cells and Adventitial Fibroblasts in Diabetes-Induced Vascular Calcification. Frontiers in physiology, 12, 676727.

Machado RAC, et al. (2021) L-plastin Ser5 phosphorylation is modulated by the PI3K/SGK pathway and promotes breast cancer cell invasiveness. Cell communication and signaling : CCS, 19(1), 22.