Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 18, 2025

Rabbit Anti-p44 / 42 MAPK (Erk1 / Erk2), phospho (Thr202 / Tyr204) XP??? Monoclonal Antibody, Biotin Conjugated, Clone D13.14.4E

RRID:AB_10694057
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4094, RRID:AB_10694057)

Antibody Information

URL: http://antibodyregistry.org/AB_10694057

Proper Citation: (Cell Signaling Technology Cat# 4094, RRID:AB_10694057)

Target Antigen: p44 / 42 MAPK (Erk1 / Erk2), phospho (Thr202 / Tyr204)

Host Organism: rabbit

Clonality: monoclonal

Comments: manufacturer recommendations: Flow Cytometry; Western Blot; Western Blotting, Flow Cytometry; The following antibodies were determined to be duplicates and consolidated by curator on 10/2018: AB_10694057, AB_1903969.

Antibody Name: Rabbit Anti-p44 / 42 MAPK (Erk1 / Erk2), phospho (Thr202 / Tyr204) XP??? Monoclonal Antibody, Biotin Conjugated, Clone D13.14.4E

Description: This monoclonal targets p44 / 42 MAPK (Erk1 / Erk2), phospho (Thr202 / Tyr204)

Target Organism: other, monkey, rat, hamster, simian, porcine, mink, yeast, pig, mouse, drosophila, fish, bovine, zebrafish, human

Clone ID: Clone D13.14.4E

Antibody ID: AB_10694057

Vendor: Cell Signaling Technology

Catalog Number: 4094

Record Creation Time: 20241017T001833+0000

Record Last Update: 20241017T020030+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-p44 / 42 MAPK (Erk1 / Erk2), phospho (Thr202 / Tyr204) XP??? Monoclonal Antibody, Biotin Conjugated, Clone D13.14.4E.

No alerts have been found for Rabbit Anti-p44 / 42 MAPK (Erk1 / Erk2), phospho (Thr202 / Tyr204) XP??? Monoclonal Antibody, Biotin Conjugated, Clone D13.14.4E.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Englisch AS, et al. (2024) Ankrd26 is a retinoic acid-responsive plasma membrane-binding and -shaping protein critical for proper cell differentiation. Cell reports, 43(3), 113939.

Zhang Z, et al. (2024) Photobiomodulation inhibits the expression of chondroitin sulfate proteoglycans after spinal cord injury via the Sox9 pathway. Neural regeneration research, 19(1), 180.

Xu X, et al. (2023) Sox10 escalates vascular inflammation by mediating vascular smooth muscle cell transdifferentiation and pyroptosis in neointimal hyperplasia. Cell reports, 42(8), 112869.

Funasaki S, et al. (2023) A stepwise and digital pattern of RSK phosphorylation determines the outcome of thymic selection. iScience, 26(9), 107552.

Zhai L, et al. (2023) Ruminococcus gnavus plays a pathogenic role in diarrhea-predominant irritable bowel syndrome by increasing serotonin biosynthesis. Cell host & microbe, 31(1), 33.

da Silva-Oliveira RJ, et al. (2022) Efficacy of Combined Use of Everolimus and Second-

Generation Pan-EGRF Inhibitors in KRAS Mutant Non-Small Cell Lung Cancer Cell Lines. International journal of molecular sciences, 23(14).

Kuriyama S, et al. (2022) Pigment Epithelium Derived Factor Is Involved in the Late Phase of Osteosarcoma Metastasis by Increasing Extravasation and Cell-Cell Adhesion. Frontiers in oncology, 12, 818182.

Peng Q, et al. (2022) miR-155 activates the NLRP3 inflammasome by regulating the MEK/ERK/NF-?B pathway in carotid atherosclerotic plaques in ApoE-/- mice. Journal of physiology and biochemistry, 78(2), 365.

Vaishnavi A, et al. (2022) Transposon Mutagenesis Reveals RBMS3 Silencing as a Promoter of Malignant Progression of BRAFV600E-Driven Lung Tumorigenesis. Cancer research, 82(22), 4261.

Lazarian G, et al. (2021) A hotspot mutation in transcription factor IKZF3 drives B cell neoplasia via transcriptional dysregulation. Cancer cell, 39(3), 380.

Alexander AF, et al. (2021) Single-cell secretion analysis reveals a dual role for IL-10 in restraining and resolving the TLR4-induced inflammatory response. Cell reports, 36(12), 109728.

Chen L, et al. (2021) Remodeling-defective GPI-anchored proteins on the plasma membrane activate the spindle assembly checkpoint. Cell reports, 37(13), 110120.

Vaishnavi A, et al. (2020) Inhibition of MEK1/2 Forestalls the Onset of Acquired Resistance to Entrectinib in Multiple Models of NTRK1-Driven Cancer. Cell reports, 32(5), 107994.

Bolan PO, et al. (2020) Genotype-Fitness Maps of EGFR-Mutant Lung Adenocarcinoma Chart the Evolutionary Landscape of Resistance for Combination Therapy Optimization. Cell systems, 10(1), 52.

Yin S, et al. (2019) A Murine Model of Chronic Lymphocytic Leukemia Based on B Cell-Restricted Expression of Sf3b1 Mutation and Atm Deletion. Cancer cell, 35(2), 283.

Bonanomi D, et al. (2019) p190RhoGAP Filters Competing Signals to Resolve Axon Guidance Conflicts. Neuron, 102(3), 602.

Brian BF, et al. (2019) Unique-region phosphorylation targets LynA for rapid degradation, tuning its expression and signaling in myeloid cells. eLife, 8.

Merlo E, et al. (2018) A Novel Retrieval-Dependent Memory Process Revealed by the Arrest of ERK1/2 Activation in the Basolateral Amygdala. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(13), 3199.

Eisler SA, et al. (2018) A Rho signaling network links microtubules to PKD controlled carrier transport to focal adhesions. eLife, 7.

Tsai S, et al. (2018) Insulin Receptor-Mediated Stimulation Boosts T Cell Immunity during Inflammation and Infection. Cell metabolism, 28(6), 922.