CD45 (Intracellular Domain) (D9M8I) XP® Rabbit mAb

RRID:AB_2750898
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 13917, RRID:AB_2750898)

Antibody Information

URL: http://antibodyregistry.org/AB_2750898

Proper Citation: (Cell Signaling Technology Cat# 13917, RRID:AB_2750898)

Target Antigen: CD45 protein

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: CD45 (Intracellular Domain) (D9M8I) XP® Rabbit mAb

Description: This monoclonal targets CD45 protein

Target Organism: human

Clone ID: D9M8I

Antibody ID: AB_2750898

Vendor: Cell Signaling Technology

Catalog Number: 13917

Record Creation Time: 20231110T033355+0000

Record Last Update: 20240725T012522+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:TRUE, NonFunctional in human:FALSE, 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 CD45 (Intracellular Domain) (D9M8I) XP® Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Ren S, et al. (2024) Profound cellular defects attribute to muscular pathogenesis in the rhesus monkey model of Duchenne muscular dystrophy. Cell.

Jiang X, et al. (2024) Hexamethylene amiloride synergizes with venetoclax to induce lysosome-dependent cell death in acute myeloid leukemia. iScience, 27(1), 108691.

Köhnke T, et al. (2024) Human ASXL1-Mutant Hematopoiesis Is Driven by a Truncated Protein Associated with Aberrant Deubiquitination of H2AK119. Blood cancer discovery, 5(3), 202.

Lior C, et al. (2024) Mapping the tumor stress network reveals dynamic shifts in the stromal oxidative stress response. Cell reports, 43(5), 114236.

Yousuf S, et al. (2023) Spatially Resolved Multi-Omics Single-Cell Analyses Inform Mechanisms of Immune Dysfunction in Pancreatic Cancer. Gastroenterology, 165(4), 891.

Popescu B, et al. (2023) Allosteric SHP2 inhibition increases apoptotic dependency on BCL2 and synergizes with venetoclax in FLT3- and KIT-mutant AML. Cell reports. Medicine, 4(11), 101290.

Cheng P, et al. (2023) Capsaicin shapes gut microbiota and pre-metastatic niche to facilitate cancer metastasis to liver. Pharmacological research, 188, 106643.

van Eijs MJM, et al. (2023) Highly multiplexed spatial analysis identifies tissue-resident memory T cells as drivers of ulcerative and immune checkpoint inhibitor colitis. iScience, 26(10), 107891.

Wang Y, et al. (2023) Intratumoral erythroblastic islands restrain anti-tumor immunity in hepatoblastoma. Cell reports. Medicine, 4(5), 101044.

Liu H, et al. (2023) Discovery and biological evaluation of a potent small molecule CRM1 inhibitor for its selective ablation of extranodal NK/T cell lymphoma. eLife, 12.

Lê H, et al. (2023) In vitro vascularized immunocompetent patient-derived model to test cancer therapies. iScience, 26(10), 108094.

Krijgsman D, et al. (2022) MATISSE: An analysis protocol for combining imaging mass cytometry with fluorescence microscopy to generate single-cell data. STAR protocols, 3(1), 101034.

Strand SH, et al. (2022) Molecular classification and biomarkers of clinical outcome in breast ductal carcinoma in situ: Analysis of TBCRC 038 and RAHBT cohorts. Cancer cell, 40(12), 1521.

Moquin-Beaudry G, et al. (2022) Autologous humanized mouse models of iPSC-derived tumors enable characterization and modulation of cancer-immune cell interactions. Cell reports methods, 2(1), 100153.

Hübschmann V, et al. (2022) Assessing human iPSC-derived microglia identity and function by immunostaining, phagocytosis, calcium activity, and inflammation assay. STAR protocols, 3(4), 101866.

Bartalska K, et al. (2022) A systematic characterization of microglia-like cell occurrence during retinal organoid differentiation. iScience, 25(7), 104580.

Borges TJ, et al. (2022) T cell-attracting CCL18 chemokine is a dominant rejection signal during limb transplantation. Cell reports. Medicine, 3(3), 100559.

Williams DW, et al. (2021) Human oral mucosa cell atlas reveals a stromal-neutrophil axis regulating tissue immunity. Cell, 184(15), 4090.

Wheeler DA, et al. (2021) Molecular Features of Cancers Exhibiting Exceptional Responses to Treatment. Cancer cell, 39(1), 38.

Ferrian S, et al. (2021) Multiplexed imaging reveals an IFN-?-driven inflammatory state in nivolumab-associated gastritis. Cell reports. Medicine, 2(10), 100419.