Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 25, 2025

MHC Class II (I-A/I-E) Monoclonal Antibody (M5/114.15.2), PE, eBioscience

RRID:AB_465928 Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 12-5321-82, RRID:AB_465928)

Antibody Information

URL: http://antibodyregistry.org/AB_465928

Proper Citation: (Thermo Fisher Scientific Cat# 12-5321-82, RRID:AB_465928)

Target Antigen: MHC Class II (I-A/I-E)

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.02 µg/test) Consolidation on 1/2020: AB_465928, AB_10114399

Antibody Name: MHC Class II (I-A/I-E) Monoclonal Antibody (M5/114.15.2), PE, eBioscience

Description: This monoclonal targets MHC Class II (I-A/I-E)

Target Organism: mouse

Clone ID: Clone M5/114.15.2

Antibody ID: AB_465928

Vendor: Thermo Fisher Scientific

Catalog Number: 12-5321-82

Record Creation Time: 20231110T080915+0000

Record Last Update: 20241115T023819+0000

Ratings and Alerts

No rating or validation information has been found for MHC Class II (I-A/I-E) Monoclonal Antibody (M5/114.15.2), PE, eBioscience.

No alerts have been found for MHC Class II (I-A/I-E) Monoclonal Antibody (M5/114.15.2), PE, eBioscience.

Data and Source Information

Source: <u>Antibody Registry</u>

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Luo W, et al. (2025) Perfluoropentane-based oxygen-loaded nanodroplets reduce microglial activation through metabolic reprogramming. Neural regeneration research, 20(4), 1178.

Feng S, et al. (2024) Blockage of L2HGDH-mediated S-2HG catabolism orchestrates macrophage polarization to elicit antitumor immunity. Cell reports, 43(6), 114300.

Shi W, et al. (2024) Lactic acid induces transcriptional repression of macrophage inflammatory response via histone acetylation. Cell reports, 43(2), 113746.

Qian B, et al. (2024) Podocyte SIRP? reduction aggravates lupus nephritis via promoting T cell inflammatory responses. Cell reports, 43(5), 114249.

Diehl C, et al. (2024) Hyperreactive B cells instruct their elimination by T cells to curb autoinflammation and lymphomagenesis. Immunity.

Zhou X, et al. (2023) MHC class II regulation of CD8+ T cell tolerance and implications in autoimmunity and cancer immunotherapy. Cell reports, 42(11), 113452.

Anstee JE, et al. (2023) LYVE-1+ macrophages form a collaborative CCR5-dependent perivascular niche that influences chemotherapy responses in murine breast cancer. Developmental cell, 58(17), 1548.

Bhattacharya P, et al. (2023) Efferocytes release extracellular vesicles to resolve inflammation and tissue injury via prosaposin-GPR37 signaling. Cell reports, 42(7), 112808.

Morimoto J, et al. (2022) Aire suppresses CTLA-4 expression from the thymic stroma to control autoimmunity. Cell reports, 38(7), 110384.

Pylaeva E, et al. (2022) During early stages of cancer, neutrophils initiate anti-tumor immune responses in tumor-draining lymph nodes. Cell reports, 40(7), 111171.

Miller CL, et al. (2022) Systemic delivery of a targeted synthetic immunostimulant transforms the immune landscape for effective tumor regression. Cell chemical biology, 29(3), 451.

Anderton H, et al. (2022) Langerhans cells are an essential cellular intermediary in chronic dermatitis. Cell reports, 39(10), 110922.

Hos BJ, et al. (2022) Cancer-specific T helper shared and neo-epitopes uncovered by expression of the MHC class II master regulator CIITA. Cell reports, 41(2), 111485.

Wasko R, et al. (2022) Langerhans cells are essential components of the angiogenic niche during murine skin repair. Developmental cell, 57(24), 2699.

Gerber AN, et al. (2021) The subunits of IL-12, originating from two distinct cells, can functionally synergize to protect against pathogen dissemination in vivo. Cell reports, 37(2), 109816.

Sharma MD, et al. (2021) Inhibition of the BTK-IDO-mTOR axis promotes differentiation of monocyte-lineage dendritic cells and enhances anti-tumor T cell immunity. Immunity, 54(10), 2354.

Kawakami R, et al. (2021) Distinct Foxp3 enhancer elements coordinate development, maintenance, and function of regulatory T cells. Immunity, 54(5), 947.

Jiang W, et al. (2021) A two-adjuvant multiantigen candidate vaccine induces superior protective immune responses against SARS-CoV-2 challenge. Cell reports, 37(11), 110112.

Xu J, et al. (2020) The Cytokine TGF-? Induces Interleukin-31 Expression from Dermal Dendritic Cells to Activate Sensory Neurons and Stimulate Wound Itching. Immunity, 53(2), 371.

Thanabalasuriar A, et al. (2019) Neutrophil Extracellular Traps Confine Pseudomonas aeruginosa Ocular Biofilms and Restrict Brain Invasion. Cell host & microbe, 25(4), 526.