Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 19, 2025

MHC Class II (I-A/I-E) Monoclonal Antibody (M5/114.15.2), eFluor™ 450, eBioscience

RRID:AB_1272204
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 48-5321-82, RRID:AB_1272204)

Antibody Information

URL: http://antibodyregistry.org/AB_1272204

Proper Citation: (Thermo Fisher Scientific Cat# 48-5321-82, RRID:AB_1272204)

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

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.125 µg/test)
Consolidation on 1/2020: AB_1272204, AB_11039410

Antibody Name: MHC Class II (I-A/I-E) Monoclonal Antibody (M5/114.15.2), eFluor™ 450, 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_1272204

Vendor: Thermo Fisher Scientific

Catalog Number: 48-5321-82

Record Creation Time: 20231110T061951+0000

Record Last Update: 20241115T021126+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), eFluor™ 450, eBioscience.

No alerts have been found for MHC Class II (I-A/I-E) Monoclonal Antibody (M5/114.15.2), eFluor™ 450, eBioscience.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Bandola-Simon J, et al. (2025) Defective removal of invariant chain peptides from MHC class II suppresses tumor antigen presentation and promotes tumor growth. Cell reports, 44(1), 115150.

Slamanig S, et al. (2024) Intranasal SARS-CoV-2 Omicron variant vaccines elicit humoral and cellular mucosal immunity in female mice. EBioMedicine, 105, 105185.

Nagai M, et al. (2024) Sugar and arginine facilitate oral tolerance by ensuring the functionality of tolerogenic immune cell subsets in the intestine. Cell reports, 43(7), 114490.

Kim TS, et al. (2024) Epithelial-derived interleukin-23 promotes oral mucosal immunopathology. Immunity.

Kumar S, et al. (2024) Uncovering therapeutic targets for macrophage-mediated T cell suppression and PD-L1 therapy sensitization. Cell reports. Medicine, 5(9), 101698.

Desai JV, et al. (2023) C5a-licensed phagocytes drive sterilizing immunity during systemic fungal infection. Cell, 186(13), 2802.

Weckel A, et al. (2023) Long-term tolerance to skin commensals is established neonatally through a specialized dendritic cell subgroup. Immunity, 56(6), 1239.

Ferreira ACF, et al. (2023) Neuroprotective protein ADNP-dependent histone remodeling complex promotes T helper 2 immune cell differentiation. Immunity, 56(7), 1468.

Desai JV, et al. (2023) Evaluation of murine renal phagocyte-fungal interactions using intravital confocal microscopy and flow cytometry. STAR protocols, 5(1), 102781.

Enamorado M, et al. (2023) Immunity to the microbiota promotes sensory neuron regeneration. Cell, 186(3), 607.

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.

Liu X, et al. (2023) Context-dependent activation of STING-interferon signaling by CD11b agonists enhances anti-tumor immunity. Cancer cell, 41(6), 1073.

Tachó-Piñot R, et al. (2023) Bcl6 is a subset-defining transcription factor of lymphoid tissue inducer-like ILC3. Cell reports, 42(11), 113425.

Gaertner F, et al. (2022) WASp triggers mechanosensitive actin patches to facilitate immune cell migration in dense tissues. Developmental cell, 57(1), 47.

Drummond RA, et al. (2022) Long-term antibiotic exposure promotes mortality after systemic fungal infection by driving lymphocyte dysfunction and systemic escape of commensal bacteria. Cell host & microbe, 30(7), 1020.

Vogel A, et al. (2022) Protocol to assess the tolerogenic properties of adoptively transferred dendritic cells during murine experimental autoimmune encephalomyelitis. STAR protocols, 3(3), 101653.

Gawish R, et al. (2022) ACE2 is the critical in vivo receptor for SARS-CoV-2 in a novel COVID-19 mouse model with TNF- and IFN?-driven immunopathology. eLife, 11.

Merana GR, et al. (2022) Intestinal inflammation alters the antigen-specific immune response to a skin commensal. Cell reports, 39(9), 110891.

Willenborg S, et al. (2022) Isolation of macrophages from mouse skin wounds for single-cell RNA sequencing. STAR protocols, 3(2), 101337.

Park JH, et al. (2022) Obesity enhances antiviral immunity in the genital mucosa through a microbiota-mediated effect on ?? T cells. Cell reports, 41(6), 111594.