

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 5, 2025

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

RRID:AB_469455

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 17-5321-82, RRID:AB_469455)

Antibody Information

URL: http://antibodyregistry.org/AB_469455

Proper Citation: (Thermo Fisher Scientific Cat# 17-5321-82, RRID:AB_469455)

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

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.03 µg/test)
Consolidation on 1/2020: AB_469455, AB_10115435

Antibody Name: MHC Class II (I-A/I-E) Monoclonal Antibody (M5/114.15.2), APC, 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_469455

Vendor: Thermo Fisher Scientific

Catalog Number: 17-5321-82

Record Creation Time: 20231110T080859+0000

Record Last Update: 20241115T125213+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), APC, eBioscience.

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Restaino AC, et al. (2024) TUMOR-INFILTRATING NOCICEPTOR NEURONS PROMOTE IMMUNOSUPPRESSION. bioRxiv : the preprint server for biology.

Song J, et al. (2023) The extracellular matrix of lymph node reticular fibers modulates follicle border interactions and germinal center formation. iScience, 26(5), 106753.

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.

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

Baranwal G, et al. (2021) Expanded renal lymphatics improve recovery following kidney injury. Physiological reports, 9(22), e15094.

McGinley AM, et al. (2020) Interleukin-17A Serves a Priming Role in Autoimmunity by Recruiting IL-1 β -Producing Myeloid Cells that Promote Pathogenic T Cells. Immunity, 52(2), 342.

Guendel F, et al. (2020) Group 3 Innate Lymphoid Cells Program a Distinct Subset of IL-22BP-Producing Dendritic Cells Demarcating Solitary Intestinal Lymphoid Tissues. Immunity, 53(5), 1015.

Guyon C, et al. (2020) Aire-dependent genes undergo Clp1-mediated 3'UTR shortening

associated with higher transcript stability in the thymus. *eLife*, 9.

Leech JM, et al. (2019) Toxin-Triggered Interleukin-1 Receptor Signaling Enables Early-Life Discrimination of Pathogenic versus Commensal Skin Bacteria. *Cell host & microbe*, 26(6), 795.

Liu Z, et al. (2019) Fate Mapping via Ms4a3-Expression History Traces Monocyte-Derived Cells. *Cell*, 178(6), 1509.

Chopin M, et al. (2019) Transcription Factor PU.1 Promotes Conventional Dendritic Cell Identity and Function via Induction of Transcriptional Regulator DC-SCRIPT. *Immunity*, 50(1), 77.

Xu M, et al. (2018) An Interleukin-25-Mediated Autoregulatory Circuit in Keratinocytes Plays a Pivotal Role in Psoriatic Skin Inflammation. *Immunity*, 48(4), 787.

Sun G, et al. (2018) OX40 Regulates Both Innate and Adaptive Immunity and Promotes Nonalcoholic Steatohepatitis. *Cell reports*, 25(13), 3786.

Gaya M, et al. (2018) Initiation of Antiviral B Cell Immunity Relies on Innate Signals from Spatially Positioned NKT Cells. *Cell*, 172(3), 517.

Denzin LK, et al. (2017) Neutralizing Antibody Responses to Viral Infections Are Linked to the Non-classical MHC Class II Gene H2-Ob. *Immunity*, 47(2), 310.