

Resource Summary Report

Generated by SPARC SAWG on Aug 19, 2026

I-Ab

RRID:AB_394918

Type: Antibody

Proper Citation

BD Biosciences Cat# 553551, RRID:AB_394918

Antibody Information

URL: http://antibodyregistry.org/AB_394918

Proper Citation: BD Biosciences Cat# 553551, RRID:AB_394918

Target Antigen: I-Ab

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: I-Ab

Description: This monoclonal targets I-Ab

Target Organism: mouse

Antibody ID: AB_394918

Vendor: BD Biosciences

Catalog Number: 553551

Record Creation Time: 20250820T052152+0000

Record Last Update: 20250820T212430+0000

Ratings and Alerts

No rating or validation information has been found for I-Ab.

No alerts have been found for I-Ab.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Ma X, et al. (2026) Multivalent nanoparticles activate T-dependent antibody response via antigen presentation by both B cells and dendritic cells. *Cell reports*, 45(5), 117332.

Peng Y, et al. (2025) Tolerance to non-inherited maternal antigen is sustained by LysM+ CD11c+ maternal microchimeric cells. *Immunity*, 58(9), 2176.

Stegmann F, et al. (2024) Legionella pneumophila modulates macrophage functions through epigenetic reprogramming via the C-type lectin receptor Mincle. *iScience*, 27(9), 110700.

Dvorscek AR, et al. (2024) Conversion of vaccines from low to high immunogenicity by antibodies with epitope complementarity. *Immunity*, 57(10), 2433.

Miyamoto K, et al. (2023) The gut microbiota-induced kynurenic acid recruits GPR35-positive macrophages to promote experimental encephalitis. *Cell reports*, 42(8), 113005.

Janbandhu V, et al. (2022) Hif-1a suppresses ROS-induced proliferation of cardiac fibroblasts following myocardial infarction. *Cell stem cell*, 29(2), 281.

Thomas AM, et al. (2021) Localized hydrogel delivery of dendritic cells for attenuation of multiple sclerosis in a murine model. *Journal of biomedical materials research. Part A*, 109(7), 1247.

Thomas AM, et al. (2020) Brief exposure to hyperglycemia activates dendritic cells in vitro and in vivo. *Journal of cellular physiology*, 235(6), 5120.

Muri J, et al. (2020) Cyclopentenone Prostaglandins and Structurally Related Oxidized Lipid Species Instigate and Share Distinct Pro- and Anti-inflammatory Pathways. *Cell reports*, 30(13), 4399.

Segovia M, et al. (2019) Targeting TMEM176B Enhances Antitumor Immunity and Augments the Efficacy of Immune Checkpoint Blockers by Unleashing Inflammasome Activation. *Cancer cell*, 35(5), 767.