Resource Summary Report

Generated by dkNET on Aug 20, 2026

CD 86, B-lymphocyte activation antigen B7-2

RRID:AB_394993
Type: Antibody

Proper Citation

BD Biosciences Cat# 553691, RRID:AB_394993

Antibody Information

URL: http://antibodyregistry.org/AB_394993

Proper Citation: BD Biosciences Cat# 553691, RRID:AB_394993

Target Antigen: LPS-activated mouse cells

Host Organism: rat

Clonality: monoclonal

Comments: Immunofluorescence, Western blot
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: CD 86, B-lymphocyte activation antigen B7-2

Description: This monoclonal targets LPS-activated mouse cells

Clone ID: [GL1]

Antibody ID: AB_394993

Vendor: BD Biosciences

Catalog Number: 553691

Record Creation Time: 20250819T205243+0000

Record Last Update: 20250819T210729+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:FALSE, 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 CD 86, B-lymphocyte activation antigen B7-2.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Hou J, et al. (2026) The choroidal macrophage polarization significantly influences myopia development in murine models. iScience, 29(5), 115764.

Toyonaga K, et al. (2025) Adaptor protein CARD9 is required for systemic host defense against C andida auris. iScience, 28(11), 113864.

Cros A, et al. (2023) Homeostatic activation of aryl hydrocarbon receptor by dietary ligands dampens cutaneous allergic responses by controlling Langerhans cells migration. eLife, 12.

Chen C, et al. (2023) Pravastatin promotes type 2 diabetes vascular calcification through activating intestinal Bacteroides fragilis to induce macrophage M1 polarization. Journal of diabetes.

Banerjee K, et al. (2023) VEGF-C-expressing TAMs rewire the metastatic fate of breast cancer cells. Cell reports, 42(12), 113507.

Domenjo-Vila E, et al. (2023) XCR1+ DCs are critical for T cell-mediated immunotherapy of chronic viral infections. Cell reports, 42(2), 112123.

Ruan GX, et al. (2022) The spliceosome component Usp39 controls B cell development by regulating immunoglobulin gene rearrangement. Cell reports, 38(6), 110338.

Gargaro M, et al. (2022) Indoleamine 2,3-dioxygenase 1 activation in mature cDC1 promotes tolerogenic education of inflammatory cDC2 via metabolic communication. Immunity, 55(6), 1032.

Giri J, et al. (2020) CCL2 and CXCL12 Derived from Mesenchymal Stromal Cells Cooperatively Polarize IL-10+ Tissue Macrophages to Mitigate Gut Injury. Cell reports, 30(6), 1923.

Zhao Y, et al. (2019) PD-L1:CD80 Cis-Heterodimer Triggers the Co-stimulatory Receptor CD28 While Repressing the Inhibitory PD-1 and CTLA-4 Pathways. Immunity, 51(6), 1059.

Muri J, et al. (2019) B1 and Marginal Zone B Cells but Not Follicular B2 Cells Require Gpx4 to Prevent Lipid Peroxidation and Ferroptosis. Cell reports, 29(9), 2731.

Chagwedera DN, et al. (2019) Nutrient Sensing in CD11c Cells Alters the Gut Microbiota to Regulate Food Intake and Body Mass. Cell metabolism, 30(2), 364.

Kooreman NG, et al. (2018) Autologous iPSC-Based Vaccines Elicit Anti-tumor Responses In Vivo. Cell stem cell, 22(4), 501.