

Resource Summary Report

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CD64 a and b Alloantigens

RRID:AB_647120

Type: Antibody

Proper Citation

BD Biosciences Cat# 558539, RRID:AB_647120

Antibody Information

URL: http://antibodyregistry.org/AB_647120

Proper Citation: BD Biosciences Cat# 558539, RRID:AB_647120

Target Antigen: CD64 a and b Alloantigens

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD64 a and b Alloantigens

Description: This monoclonal targets CD64 a and b Alloantigens

Target Organism: mouse

Antibody ID: AB_647120

Vendor: BD Biosciences

Catalog Number: 558539

Record Creation Time: 20250819T222049+0000

Record Last Update: 20250820T015358+0000

Ratings and Alerts

No rating or validation information has been found for CD64 a and b Alloantigens.

No alerts have been found for CD64 a and b Alloantigens.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Amon L, et al. (2025) GM-CSF and specific type 2 cytokines induce CD103+ and CD301b+ cell states in cDC1s and cDC2s. Cell reports, 44(12), 116589.

Ding C, et al. (2025) A functional cardiac patch promotes cardiac repair by modulating the CCR2- cardiac-resident macrophage niche and their cell crosstalk. Cell reports. Medicine, 6(2), 101932.

Keating N, et al. (2025) ARAP2 regulates responses to interferon-gamma by restricting SOCS1. Cell reports, 44(12), 116667.

Hof A, et al. (2025) Myeloperoxidase impacts vascular function by altering perivascular adipocytes' secretome and phenotype in obesity. Cell reports. Medicine, 6(5), 102087.

Kim SH, et al. (2025) IL-10 sensing by lung interstitial macrophages prevents bacterial dysbiosis-driven pulmonary inflammation and maintains immune homeostasis. Immunity, 58(5), 1306.

Jia X, et al. (2024) High expression of oleoyl-ACP hydrolase underpins life-threatening respiratory viral diseases. Cell, 187(17), 4586.

Subramanian S, et al. (2024) Microbiota regulates neonatal disease tolerance to virus-evoked necrotizing enterocolitis by shaping the STAT1-NLRC5 axis in the intestinal epithelium. Cell host & microbe, 32(10), 1805.

Englebert K, et al. (2024) The CD27/CD70 pathway negatively regulates visceral adipose tissue-resident Th2 cells and controls metabolic homeostasis. Cell reports, 43(3), 113824.

Roy D, et al. (2024) α 1-mediated maladaptive sensory plasticity disrupts adipose tissue homeostasis following spinal cord injury. Cell reports. Medicine, 5(5), 101525.

Yan J, et al. (2024) Macrophage NRF1 promotes mitochondrial protein turnover via the ubiquitin proteasome system to limit mitochondrial stress and inflammation. Cell reports, 43(10), 114780.

Pankhurst TE, et al. (2023) MAIT cells activate dendritic cells to promote TFH cell differentiation and induce humoral immunity. Cell reports, 42(4), 112310.

Ignacio A, et al. (2022) Small intestinal resident eosinophils maintain gut homeostasis following microbial colonization. Immunity, 55(7), 1250.

Kawasaki T, et al. (2022) Alveolar macrophages instruct CD8+ T cell expansion by antigen cross-presentation in lung. *Cell reports*, 41(11), 111828.

Silva-Cayetano A, et al. (2021) A booster dose enhances immunogenicity of the COVID-19 vaccine candidate ChAdOx1 nCoV-19 in aged mice. *Med (New York, N.Y.)*, 2(3), 243.

Dammeijer F, et al. (2020) The PD-1/PD-L1-Checkpoint Restrains T cell Immunity in Tumor-Draining Lymph Nodes. *Cancer cell*, 38(5), 685.

Zhivaki D, et al. (2020) Inflammasomes within Hyperactive Murine Dendritic Cells Stimulate Long-Lived T Cell-Mediated Anti-tumor Immunity. *Cell reports*, 33(7), 108381.

Niss K, et al. (2020) Complete Topological Mapping of a Cellular Protein Interactome Reveals Bow-Tie Motifs as Ubiquitous Connectors of Protein Complexes. *Cell reports*, 31(11), 107763.

Remmerie A, et al. (2020) Osteopontin Expression Identifies a Subset of Recruited Macrophages Distinct from Kupffer Cells in the Fatty Liver. *Immunity*, 53(3), 641.

Carneiro MB, et al. (2020) Th1-Th2 Cross-Regulation Controls Early Leishmania Infection in the Skin by Modulating the Size of the Permissive Monocytic Host Cell Reservoir. *Cell host & microbe*, 27(5), 752.

Tran S, et al. (2020) Impaired Kupffer Cell Self-Renewal Alters the Liver Response to Lipid Overload during Non-alcoholic Steatohepatitis. *Immunity*, 53(3), 627.