

Resource Summary Report

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FITC anti-mouse/human CD45R/B220

RRID:AB_312990

Type: Antibody

Proper Citation

(BioLegend Cat# 103205, RRID:AB_312990)

Antibody Information

URL: http://antibodyregistry.org/AB_312990

Proper Citation: (BioLegend Cat# 103205, RRID:AB_312990)

Target Antigen: CD45R

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: FITC anti-mouse/human CD45R/B220

Description: This monoclonal targets CD45R

Target Organism: mouse, human

Clone ID: Clone RA3-6B2

Antibody ID: AB_312990

Vendor: BioLegend

Catalog Number: 103205

Alternative Catalog Numbers: 103206

Record Creation Time: 20231110T045026+0000

Record Last Update: 20241115T074534+0000

Ratings and Alerts

No rating or validation information has been found for FITC anti-mouse/human CD45R/B220.

No alerts have been found for FITC anti-mouse/human CD45R/B220.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Liang Z, et al. (2024) Intestinal CXCR6+ ILC3s migrate to the kidney and exacerbate renal fibrosis via IL-23 receptor signaling enhanced by PD-1 expression. *Immunity*, 57(6), 1306.

Hurrell BP, et al. (2024) Piezo1 channels restrain ILC2s and regulate the development of airway hyperreactivity. *The Journal of experimental medicine*, 221(5).

Sun X, et al. (2024) Deletion of the mRNA endonuclease Regnase-1 promotes NK cell anti-tumor activity via OCT2-dependent transcription of *lfrng*. *Immunity*, 57(6), 1360.

Bolomsky A, et al. (2024) IRF4 requires ARID1A to establish plasma cell identity in multiple myeloma. *Cancer cell*, 42(7), 1185.

Xie J, et al. (2023) The miR-17-92 miRNAs promote plasma cell differentiation by suppressing SOCS3-mediated NIK degradation. *Cell reports*, 42(8), 112968.

von Wulffen M, et al. (2023) S100A8/A9-alarmin promotes local myeloid-derived suppressor cell activation restricting severe autoimmune arthritis. *Cell reports*, 42(8), 113006.

Wang Y, et al. (2023) *Akkermansia muciniphila* induces slow extramedullary hematopoiesis via cooperative IL-1R/TLR signals. *EMBO reports*, 24(12), e57485.

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.

Wang Z, et al. (2022) Leucine-tRNA-synthase-2-expressing B cells contribute to colorectal cancer immunoevasion. *Immunity*, 55(6), 1067.

Frede A, et al. (2022) B cell expansion hinders the stroma-epithelium regenerative cross talk during mucosal healing. *Immunity*, 55(12), 2336.

Chang CA, et al. (2022) Curative islet and hematopoietic cell transplantation in diabetic mice

without toxic bone marrow conditioning. Cell reports, 41(6), 111615.

Tang JJ, et al. (2022) Androgens drive sexual dimorphism in liver metastasis by promoting hepatic accumulation of neutrophils. Cell reports, 39(12), 110987.

Dai YW, et al. (2022) Meteorin links the bone marrow hypoxic state to hematopoietic stem/progenitor cell mobilization. Cell reports, 40(12), 111361.

Saveljeva S, et al. (2022) A purine metabolic checkpoint that prevents autoimmunity and autoinflammation. Cell metabolism, 34(1), 106.

Zaman R, et al. (2021) Selective loss of resident macrophage-derived insulin-like growth factor-1 abolishes adaptive cardiac growth to stress. Immunity, 54(9), 2057.

Chao JL, et al. (2021) Effector T cell responses unleashed by regulatory T cell ablation exacerbate oral squamous cell carcinoma. Cell reports. Medicine, 2(9), 100399.

Jamali A, et al. (2020) Characterization of Resident Corneal Plasmacytoid Dendritic Cells and Their Pivotal Role in Herpes Simplex Keratitis. Cell reports, 32(9), 108099.

Mariani SA, et al. (2019) Pro-inflammatory Aorta-Associated Macrophages Are Involved in Embryonic Development of Hematopoietic Stem Cells. Immunity, 50(6), 1439.

Delgado-Benito V, et al. (2018) The Chromatin Reader ZMYND8 Regulates Igh Enhancers to Promote Immunoglobulin Class Switch Recombination. Molecular cell, 72(4), 636.

Mrdjen D, et al. (2018) High-Dimensional Single-Cell Mapping of Central Nervous System Immune Cells Reveals Distinct Myeloid Subsets in Health, Aging, and Disease. Immunity, 48(2), 380.