

Resource Summary Report

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Rat Anti-CD45 Monoclonal Antibody, V500 Conjugated, Clone 30-F11

RRID:AB_10697046

Type: Antibody

Proper Citation

(BD Biosciences Cat# 561487, RRID:AB_10697046)

Antibody Information

URL: http://antibodyregistry.org/AB_10697046

Proper Citation: (BD Biosciences Cat# 561487, RRID:AB_10697046)

Target Antigen: Rat CD45 V500 Clone 30-F11

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: Rat Anti-CD45 Monoclonal Antibody, V500 Conjugated, Clone 30-F11

Description: This monoclonal targets Rat CD45 V500 Clone 30-F11

Target Organism: mouse

Antibody ID: AB_10697046

Vendor: BD Biosciences

Catalog Number: 561487

Record Creation Time: 20231110T070155+0000

Record Last Update: 20241115T052628+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD45 Monoclonal Antibody, V500 Conjugated, Clone 30-F11.

No alerts have been found for Rat Anti-CD45 Monoclonal Antibody, V500 Conjugated, Clone 30-F11.

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 [FDI Lab - SciCrunch.org](#).

Nagai M, et al. (2024) Sugar and arginine facilitate oral tolerance by ensuring the functionality of tolerogenic immune cell subsets in the intestine. *Cell reports*, 43(7), 114490.

Li G, et al. (2023) Intersection of immune and oncometabolic pathways drives cancer hyperprogression during immunotherapy. *Cancer cell*, 41(2), 304.

Wang X, et al. (2023) Prolonged hypernutrition impairs TREM2-dependent efferocytosis to license chronic liver inflammation and NASH development. *Immunity*, 56(1), 58.

Aguiar CF, et al. (2023) Tissue-specific metabolic profile drives iNKT cell function during obesity and liver injury. *Cell reports*, 42(1), 112035.

Montgomery AB, et al. (2023) Tissue-resident, extravascular Ly6c⁺ monocytes are critical for inflammation in the synovium. *Cell reports*, 42(5), 112513.

Deng G, et al. (2022) Targeting cathepsin B by cycloastragenol enhances antitumor immunity of CD8 T cells via inhibiting MHC-I degradation. *Journal for immunotherapy of cancer*, 10(10).

Liao P, et al. (2022) CD8⁺ T cells and fatty acids orchestrate tumor ferroptosis and immunity via ACSL4. *Cancer cell*, 40(4), 365.

Sandovici I, et al. (2022) The imprinted Igf2-Igf2r axis is critical for matching placental microvasculature expansion to fetal growth. *Developmental cell*, 57(1), 63.

Lin H, et al. (2021) Stanniocalcin 1 is a phagocytosis checkpoint driving tumor immune resistance. *Cancer cell*, 39(4), 480.

Mihi B, et al. (2021) Interleukin-22 signaling attenuates necrotizing enterocolitis by promoting epithelial cell regeneration. *Cell reports. Medicine*, 2(6), 100320.

Zavareh RB, et al. (2021) HSP90 Inhibition Enhances Cancer Immunotherapy by Modulating the Surface Expression of Multiple Immune Checkpoint Proteins. *Cell chemical biology*, 28(2), 158.

Giampazolias E, et al. (2021) Secreted gelsolin inhibits DNGR-1-dependent cross-presentation and cancer immunity. *Cell*, 184(15), 4016.

Rao S, et al. (2021) Dissecting ELANE neutropenia pathogenicity by human HSC gene editing. *Cell stem cell*, 28(5), 833.

Cossarizza A, et al. (2021) Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). *European journal of immunology*, 51(12), 2708.

Haas MS, et al. (2021) mDKN-01, a Novel Anti-DKK1 mAb, Enhances Innate Immune Responses in the Tumor Microenvironment. *Molecular cancer research : MCR*, 19(4), 717.

Kato D, et al. (2020) GPC1 specific CAR-T cells eradicate established solid tumor without adverse effects and synergize with anti-PD-1 Ab. *eLife*, 9.

Leach SM, et al. (2020) Human and Mouse Transcriptome Profiling Identifies Cross-Species Homology in Pulmonary and Lymph Node Mononuclear Phagocytes. *Cell reports*, 33(5), 108337.

Ghaedi M, et al. (2020) Single-cell analysis of ROR γ tracer mouse lung reveals ILC progenitors and effector ILC2 subsets. *The Journal of experimental medicine*, 217(3).

Baker GJ, et al. (2020) SYLARAS: A Platform for the Statistical Analysis and Visual Display of Systemic Immunoprofiling Data and Its Application to Glioblastoma. *Cell systems*, 11(3), 272.

Olson WJ, et al. (2019) Orphan Nuclear Receptor NR2F6 Suppresses T Follicular Helper Cell Accumulation through Regulation of IL-21. *Cell reports*, 28(11), 2878.