

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 16, 2025

Rat Anti-Ly-6C Monoclonal Antibody, FITC Conjugated, Clone AL-21

RRID:AB_394628

Type: Antibody

Proper Citation

(BD Biosciences Cat# 553104, RRID:AB_394628)

Antibody Information

URL: http://antibodyregistry.org/AB_394628

Proper Citation: (BD Biosciences Cat# 553104, RRID:AB_394628)

Target Antigen: Ly-6C

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry
Info: Used by Czech Centre for Phenogenomics

Antibody Name: Rat Anti-Ly-6C Monoclonal Antibody, FITC Conjugated, Clone AL-21

Description: This monoclonal targets Ly-6C

Target Organism: mouse

Clone ID: AL-21

Antibody ID: AB_394628

Vendor: BD Biosciences

Catalog Number: 553104

Record Creation Time: 20231110T044633+0000

Record Last Update: 20241114T234903+0000

Ratings and Alerts

- Used by Czech Centre for Phenogenomics - Czech Centre for Phenogenomics
<https://www.phenogenomics.cz/>

No alerts have been found for Rat Anti-Ly-6C Monoclonal Antibody, FITC Conjugated, Clone AL-21.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 59 mentions in open access literature.

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

Beck JD, et al. (2024) Long-lasting mRNA-encoded interleukin-2 restores CD8+ T cell neoantigen immunity in MHC class I-deficient cancers. *Cancer cell*.

Fan Z, et al. (2024) Macrophages preserve endothelial cell specialization in the adrenal gland to modulate aldosterone secretion and blood pressure. *Cell reports*, 43(7), 114395.

Ma H, et al. (2024) Disparate macrophage responses are linked to infection outcome of Hantan virus in humans or rodents. *Nature communications*, 15(1), 438.

Zimarino C, et al. (2024) Disruption of CD47-SIRP[?] signaling restores inflammatory function in tumor-associated myeloid-derived suppressor cells. *iScience*, 27(4), 109546.

Passino R, et al. (2024) Neutrophil-inflicted vasculature damage suppresses immune-mediated optic nerve regeneration. *Cell reports*, 43(3), 113931.

Kim TS, et al. (2024) Epithelial-derived interleukin-23 promotes oral mucosal immunopathology. *Immunity*.

Díaz-Varela M, et al. (2024) The different impact of drug-resistant *Leishmania* on the transcription programs activated in neutrophils. *iScience*, 27(5), 109773.

Zhang Q, et al. (2023) *Klebsiella pneumoniae* Induces Inflammatory Bowel Disease Through Caspase-11-Mediated IL18 in the Gut Epithelial Cells. *Cellular and molecular gastroenterology and hepatology*, 15(3), 613.

Weed DT, et al. (2023) The Tumor Immune Microenvironment Architecture Correlates with

Risk of Recurrence in Head and Neck Squamous Cell Carcinoma. *Cancer research*, 83(23), 3886.

Bénard A, et al. (2023) IL-3 orchestrates ulcerative colitis pathogenesis by controlling the development and the recruitment of splenic reservoir neutrophils. *Cell reports*, 42(6), 112637.

De Giovanni M, et al. (2023) Platelets and mast cells promote pathogenic eosinophil recruitment during invasive fungal infection via the 5-HIAA-GPR35 ligand-receptor system. *Immunity*, 56(7), 1548.

Thomas SN, et al. (2023) Down syndrome is associated with altered frequency and functioning of tracheal multiciliated cells, and response to influenza virus infection. *iScience*, 26(8), 107361.

Silvestri A, et al. (2023) Biomimetic superabsorbent hydrogel acts as a gut protective dynamic exoskeleton improving metabolic parameters and expanding *A. muciniphila*. *Cell reports. Medicine*, 4(10), 101235.

Takimoto Y, et al. (2023) Myeloid TLR4 signaling promotes post-injury withdrawal resolution of murine liver fibrosis. *iScience*, 26(3), 106220.

Rosain J, et al. (2023) Human IRF1 governs macrophagic IFN- γ immunity to mycobacteria. *Cell*, 186(3), 621.

Ali M, et al. (2022) Myeloperoxidase exerts anti-tumor activity in glioma after radiotherapy. *Neoplasia (New York, N.Y.)*, 26, 100779.

Yeh CH, et al. (2022) Primary germinal center-resident T follicular helper cells are a physiologically distinct subset of CXCR5^{hi}PD-1^{hi} T follicular helper cells. *Immunity*, 55(2), 272.

Fraschilla I, et al. (2022) Immune chromatin reader SP140 regulates microbiota and risk for inflammatory bowel disease. *Cell host & microbe*, 30(10), 1370.

Downey J, et al. (2022) Mitochondrial cyclophilin D promotes disease tolerance by licensing NK cell development and IL-22 production against influenza virus. *Cell reports*, 39(12), 110974.

Mandula JK, et al. (2022) Ablation of the endoplasmic reticulum stress kinase PERK induces paraptosis and type I interferon to promote anti-tumor T cell responses. *Cancer cell*, 40(10), 1145.