

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

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: 20260829T010004+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 84 mentions in open access literature.

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

Voisin T, et al. (2026) Skin inflammation and itch response are independently regulated by distinct nociceptor subsets. *Immunity*, 59(5), 1237.

Dunphy G, et al. (2026) A type I interferon-mitochondrial axis regulates efferocytosis and interferon-stimulated gene induction in macrophages. *Immunity*, 59(2), 306.

Park C, et al. (2026) A Rasa3-G β i signaling axis orchestrates B lymphocyte trafficking into and through lymphoid organs. *Cell reports*, 45(4), 117243.

Battle-Recoder C, et al. (2026) DNA polymerase γ protects macrophages from DNA damage produced during pro-inflammatory activation. *Cell reports*, 45(3), 117081.

Li J, et al. (2026) *Candida albicans* synergizes with *Fusobacterium nucleatum* in colorectal cancer progression via the Flo9-RadD interaction. *Cancer cell*, 44(5), 1063.

Mariancini A, et al. (2026) IL1R2 Deficiency Unleashes Neutrophil-Mediated Antitumor Potential in Sarcoma. *Cancer immunology research*, 14(5), 751.

Chen C, et al. (2026) B cells disrupt tertiary lymphoid structure formation and suppress anti-tumor immunity. *Cancer cell*.

Ponessa JJ, et al. (2026) Alveolar macrophages inhibit emphysematous pathology via expression of carbonic anhydrase 4. *Cell reports*, 45(5), 117315.

Fike AJ, et al. (2025) IRF7 controls spontaneous autoimmune germinal center and plasma cell checkpoints. *The Journal of experimental medicine*, 222(7).

De Ponti FF, et al. (2025) Spatially restricted and ontogenically distinct hepatic macrophages are required for tissue repair. *Immunity*, 58(2), 362.

Toner YC, et al. (2025) Targeting mTOR in myeloid cells prevents infection-associated inflammation. *iScience*, 28(4), 112163.

Earnshaw CH, et al. (2025) Glucocorticoids Unleash Immune-dependent Melanoma Control through Inhibition of the GARP/TGF β Axis. *Cancer discovery*, OF1.

Larsen RK, et al. (2025) Non-cell-autonomous tumor promotion in DICER1 cancer predisposition. *Developmental cell*.

Kastner AL, et al. (2025) Durable lymphocyte subset elimination upon a single dose of AAV-delivered depletion antibody dissects immune control of chronic viral infection. *Immunity*, 58(2), 481.

Van Roy Z, et al. (2025) Interferon-gamma receptor signaling regulates innate immunity during *Staphylococcus aureus* craniotomy infection. *Journal of neuroinflammation*, 22(1), 46.

Barrington J, et al. (2025) Interleukin-1 regulates myeloid cell trafficking and cerebral blood flow following intracerebral haemorrhage. *Disease models & mechanisms*, 18(10).

Wen H, et al. (2025) NRF2 activation in cancer cells suppresses immune infiltration into the tumor microenvironment. *iScience*, 28(10), 113519.

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

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

Fike AJ, et al. (2025) IRF7 controls spontaneous autoimmune germinal center and plasma cell checkpoints. *bioRxiv : the preprint server for biology*.