

Resource Summary Report

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Neutrophil (Ly-6G/-6C)

RRID:AB_303154

Type: Antibody

Proper Citation

Abcam Cat# ab2557, RRID:AB_303154

Antibody Information

URL: http://antibodyregistry.org/AB_303154

Proper Citation: Abcam Cat# ab2557, RRID:AB_303154

Target Antigen: Highly purified BALB/c mouse Neutrophils, The antibody NIMP-R14 is highly specific for murine Ly-6G and Ly-6C.

Host Organism: rat

Clonality: monoclonal

Comments: Used By NYUIHC-1334

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: Neutrophil (Ly-6G/-6C)

Description: This monoclonal targets Highly purified BALB/c mouse Neutrophils, The antibody NIMP-R14 is highly specific for murine Ly-6G and Ly-6C.

Clone ID: [NIMP-R14]

Antibody ID: AB_303154

Vendor: Abcam

Catalog Number: ab2557

Record Creation Time: 20250820T011336+0000

Record Last Update: 20250820T102156+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Neutrophil (Ly-6G/-6C).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Mahat DB, et al. (2025) Mutant p53 exploits enhancers to elevate immunosuppressive chemokine expression and impair immune checkpoint inhibitors in pancreatic cancer. *Immunity*, 58(7), 1688.

Jeong H, et al. (2025) Post-COVID-19 Effects on Chronic Gastritis and Gastric Cellular and Molecular Characteristics in Male Mice. *Cellular and molecular gastroenterology and hepatology*, 19(8), 101511.

Clain J, et al. (2024) Metabolic disorders exacerbate the formation of glial scar after stroke. *The European journal of neuroscience*, 59(11), 3009.

Philp AR, et al. (2024) Circulating platelets modulate oligodendrocyte progenitor cell differentiation during remyelination. *eLife*, 12.

Gawish R, et al. (2022) A neutrophil-B-cell axis impacts tissue damage control in a mouse model of intraabdominal bacterial infection via Cxcr4. *eLife*, 11.

Kabbani M, et al. (2022) Human hepatocyte PNPLA3-148M exacerbates rapid non-alcoholic fatty liver disease development in chimeric mice. *Cell reports*, 40(11), 111321.

Poli V, et al. (2021) Zinc-dependent histone deacetylases drive neutrophil extracellular trap formation and potentiate local and systemic inflammation. *iScience*, 24(11), 103256.

Hien TT, et al. (2020) Bladder cancer therapy without toxicity-A dose-escalation study of alpha1-oleate. *International journal of cancer*, 147(9), 2479.

Ko JH, et al. (2020) Mesenchymal Stem and Stromal Cells Harness Macrophage-Derived Amphiregulin to Maintain Tissue Homeostasis. *Cell reports*, 30(11), 3806.

Park CJ, et al. (2020) Progesterone Receptor Serves the Ovary as a Trigger of Ovulation and a Terminator of Inflammation. *Cell reports*, 31(2), 107496.

Shimoide T, et al. (2018) Role of Macrophages and Plasminogen Activator Inhibitor-1 in Delayed Bone Repair in Diabetic Female Mice. *Endocrinology*, 159(4), 1875.

Buss CG, et al. (2018) Protease activity sensors noninvasively classify bacterial infections and antibiotic responses. *EBioMedicine*, 38, 248.

Couret D, et al. (2018) A hemorrhagic transformation model of mechanical stroke therapy with acute hyperglycemia in mice. *The Journal of comparative neurology*, 526(6), 1006.

Singh V, et al. (2018) Dysregulated Microbial Fermentation of Soluble Fiber Induces Cholestatic Liver Cancer. *Cell*, 175(3), 679.

Burgess HM, et al. (2018) Targeting Poxvirus Decapping Enzymes and mRNA Decay to Generate an Effective Oncolytic Virus. *Molecular therapy oncolytics*, 8, 71.