Resource Summary Report

Generated by RRID on Aug 2, 2026

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.

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.

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.

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.