

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Rat Anti-CD16 / CD32 Monoclonal Antibody, Unconjugated, Clone 2.4G2

RRID:AB_394655

Type: Antibody

Proper Citation

BD Biosciences Cat# 553140, RRID:AB_394655

Antibody Information

URL: http://antibodyregistry.org/AB_394655

Proper Citation: BD Biosciences Cat# 553140, RRID:AB_394655

Target Antigen: CD16 / CD32

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: Rat Anti-CD16 / CD32 Monoclonal Antibody, Unconjugated, Clone 2.4G2

Description: This monoclonal targets CD16 / CD32

Target Organism: mouse

Clone ID: 2.4G2

Antibody ID: AB_394655

Vendor: BD Biosciences

Catalog Number: 553140

Record Creation Time: 20250820T011156+0000

Record Last Update: 20250820T101733+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD16 / CD32 Monoclonal Antibody, Unconjugated, Clone 2.4G2.

No alerts have been found for Rat Anti-CD16 / CD32 Monoclonal Antibody, Unconjugated, Clone 2.4G2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Ward S, et al. (2025) The IL-33/ST2 axis and tissue Treg maintain epithelial homeostasis and restrain cancer development in the skin. *Cell reports*, 44(6), 115837.

Swan GA, et al. (2024) A conserved element in the first intron of Cd4 has a lineage specific, TCR signal-responsive, canonical enhancer function that matches the timing of cell surface CD4 upregulation required to prevent lineage choice error. *Frontiers in immunology*, 15, 1469402.

Cao Y, et al. (2023) Dopamine inhibits group 2 innate lymphoid cell-driven allergic lung inflammation by dampening mitochondrial activity. *Immunity*, 56(2), 320.

Yang F, et al. (2023) Staphylococcus aureus α -toxin impairs early neutrophil localization via electrogenic disruption of store-operated calcium entry. *Cell reports*, 42(11), 113394.

Gong M, et al. (2023) Transcriptional and metabolic programs promote the expansion of follicular helper T cells in lupus-prone mice. *iScience*, 26(5), 106774.

Elshikha AS, et al. (2023) Pharmacologic inhibition of glycolysis prevents the development of lupus by altering the gut microbiome in mice. *iScience*, 26(7), 107122.

Yadav N, et al. (2023) More time to kill: A longer liver stage increases T cell-mediated protection against pre-erythrocytic malaria. *iScience*, 26(12), 108489.

Ferrao Blanco MN, et al. (2022) Intra-articular injection of triamcinolone acetonide sustains macrophage levels and aggravates osteophytosis during degenerative joint disease in mice. *British journal of pharmacology*, 179(11), 2771.

Lopez J, et al. (2022) A lentiviral vector encoding fusion of light invariant chain and mycobacterial antigens induces protective CD4+ T cell immunity. *Cell reports*, 40(4), 111142.

Cheng AG, et al. (2022) Design, construction, and in vivo augmentation of a complex gut microbiome. *Cell*, 185(19), 3617.

Wang Y, et al. (2021) Early developing B cells undergo negative selection by central nervous system-specific antigens in the meninges. *Immunity*, 54(12), 2784.

Li YH, et al. (2021) Mesenchymal stem cells attenuate liver fibrosis by targeting Ly6Chi/lo macrophages through activating the cytokine-paracrine and apoptotic pathways. *Cell death discovery*, 7(1), 239.

Sciumè G, et al. (2020) Rapid Enhancer Remodeling and Transcription Factor Repurposing Enable High Magnitude Gene Induction upon Acute Activation of NK Cells. *Immunity*, 53(4), 745.

Zhang P, et al. (2019) Ligand-Blocking and Membrane-Proximal Domain Targeting Anti-OX40 Antibodies Mediate Potent T Cell-Stimulatory and Anti-Tumor Activity. *Cell reports*, 27(11), 3117.

Wang W, et al. (2019) Type I Interferon Therapy Limits CNS Autoimmunity by Inhibiting CXCR3-Mediated Trafficking of Pathogenic Effector T Cells. *Cell reports*, 28(2), 486.

Yoon J, et al. (2018) Label-Free Identification of Lymphocyte Subtypes Using Three-Dimensional Quantitative Phase Imaging and Machine Learning. *Journal of visualized experiments : JoVE*(141).