

Resource Summary Report

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Rat Anti-CD41 Monoclonal Antibody, Phycoerythrin Conjugated, Clone MWReg30

RRID:AB_397004

Type: Antibody

Proper Citation

(BD Biosciences Cat# 558040, RRID:AB_397004)

Antibody Information

URL: http://antibodyregistry.org/AB_397004

Proper Citation: (BD Biosciences Cat# 558040, RRID:AB_397004)

Target Antigen: CD41

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Rat Anti-CD41 Monoclonal Antibody, Phycoerythrin Conjugated, Clone MWReg30

Description: This monoclonal targets CD41

Target Organism: mouse

Clone ID: MWReg30

Antibody ID: AB_397004

Vendor: BD Biosciences

Catalog Number: 558040

Record Creation Time: 20241016T215948+0000

Record Last Update: 20241016T220021+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD41 Monoclonal Antibody, Phycoerythrin Conjugated, Clone MWReg30.

No alerts have been found for Rat Anti-CD41 Monoclonal Antibody, Phycoerythrin Conjugated, Clone MWReg30.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Shi D, et al. (2024) Pseudouridine synthase 1 regulates erythropoiesis via transfer RNAs pseudouridylation and cytoplasmic translation. *iScience*, 27(3), 109265.

Arkless KL, et al. (2024) Stimulation of platelet P2Y1 receptors by different endogenous nucleotides leads to functional selectivity via biased signalling. *British journal of pharmacology*, 181(4), 564.

Jiang J, et al. (2023) Platelet ITGA2B inhibits caspase-8 and Rip3/Mkl-dependent platelet death though PTPN6 during sepsis. *iScience*, 26(8), 107414.

Fanti AK, et al. (2023) Flt3- and Tie2-Cre tracing identifies regeneration in sepsis from multipotent progenitors but not hematopoietic stem cells. *Cell stem cell*, 30(2), 207.

Wang M, et al. (2023) Genotoxic aldehyde stress prematurely ages hematopoietic stem cells in a p53-driven manner. *Molecular cell*, 83(14), 2417.

Luo H, et al. (2023) SON is an essential m6A target for hematopoietic stem cell fate. *Cell stem cell*, 30(12), 1658.

Biswas A, et al. (2022) Immuno-localization of definitive hematopoietic stem cells in the vascular niche of mouse fetal liver. *STAR protocols*, 3(4), 101580.

Wu L, et al. (2021) ErbB3 is a critical regulator of cytoskeletal dynamics in brain microvascular endothelial cells: Implications for vascular remodeling and blood brain barrier modulation. *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism*, 41(9), 2242.

Azzoni E, et al. (2021) The onset of circulation triggers a metabolic switch required for endothelial to hematopoietic transition. *Cell reports*, 37(11), 110103.

Kobayashi H, et al. (2020) Protocol for the Maintenance of Quiescent Murine Hematopoietic Stem Cells. *STAR protocols*, 1(2), 100078.

Kobayashi H, et al. (2019) Environmental Optimization Enables Maintenance of Quiescent Hematopoietic Stem Cells Ex Vivo. *Cell reports*, 28(1), 145.

Park SM, et al. (2019) IKZF2 Drives Leukemia Stem Cell Self-Renewal and Inhibits Myeloid Differentiation. *Cell stem cell*, 24(1), 153.

Liu D, et al. (2019) IL-10-Dependent Crosstalk between Murine Marginal Zone B Cells, Macrophages, and CD8⁺ Dendritic Cells Promotes *Listeria monocytogenes* Infection. *Immunity*, 51(1), 64.

Cheng Y, et al. (2019) m6A RNA Methylation Maintains Hematopoietic Stem Cell Identity and Symmetric Commitment. *Cell reports*, 28(7), 1703.

Ho YH, et al. (2019) Remodeling of Bone Marrow Hematopoietic Stem Cell Niches Promotes Myeloid Cell Expansion during Premature or Physiological Aging. *Cell stem cell*, 25(3), 407.

Crouch EE, et al. (2018) FACS isolation of endothelial cells and pericytes from mouse brain microregions. *Nature protocols*, 13(4), 738.

Nakamura-Ishizu A, et al. (2018) Thrombopoietin Metabolically Primes Hematopoietic Stem Cells to Megakaryocyte-Lineage Differentiation. *Cell reports*, 25(7), 1772.

Crouch EE, et al. (2015) Regional and stage-specific effects of prospectively purified vascular cells on the adult V-SVZ neural stem cell lineage. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 35(11), 4528.