Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 7, 2025

CD16/CD32 Monoclonal Antibody (93), Alexa Fluor™ 700, eBioscience

RRID:AB_493994
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 56-0161-82, RRID:AB_493994)

Antibody Information

URL: http://antibodyregistry.org/AB_493994

Proper Citation: (Thermo Fisher Scientific Cat# 56-0161-82, RRID:AB_493994)

Target Antigen: CD16/CD32

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.25 µg/test)
Consolidation on 1/2020: AB_493994, AB_10120778

Antibody Name: CD16/CD32 Monoclonal Antibody (93), Alexa Fluor™ 700, eBioscience

Description: This monoclonal targets CD16/CD32

Target Organism: mouse

Clone ID: Clone 93

Antibody ID: AB_493994

Vendor: Thermo Fisher Scientific

Catalog Number: 56-0161-82

Record Creation Time: 20241130T060315+0000

Record Last Update: 20241130T060509+0000

Ratings and Alerts

No rating or validation information has been found for CD16/CD32 Monoclonal Antibody (93), Alexa Fluor™ 700, eBioscience.

No alerts have been found for CD16/CD32 Monoclonal Antibody (93), Alexa Fluor™ 700, eBioscience.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 26 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Watanuki S, et al. (2024) Context-dependent modification of PFKFB3 in hematopoietic stem cells promotes anaerobic glycolysis and ensures stress hematopoiesis. eLife, 12.

Xu L, et al. (2024) Expression of a mutant CD47 protects against phagocytosis without inducing cell death or inhibiting angiogenesis. Cell reports. Medicine, 5(3), 101450.

Watanuki S, et al. (2024) SDHAF1 confers metabolic resilience to aging hematopoietic stem cells by promoting mitochondrial ATP production. Cell stem cell, 31(8), 1145.

Engelhard S, et al. (2024) Endomucin marks quiescent long-term multi-lineage repopulating hematopoietic stem cells and is essential for their transendothelial migration. Cell reports, 43(7), 114475.

Carlile SR, et al. (2024) Staphylococcus aureus induced trained immunity in macrophages confers heterologous protection against gram-negative bacterial infection. iScience, 27(12), 111284.

Rundberg Nilsson A, et al. (2023) Temporal dynamics of TNF-mediated changes in hematopoietic stem cell function and recovery. iScience, 26(4), 106341.

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.

Kara N, et al. (2023) Endothelial and Leptin Receptor+ cells promote the maintenance of stem cells and hematopoiesis in early postnatal murine bone marrow. Developmental cell, 58(5), 348.

Rehn M, et al. (2022) PTBP1 promotes hematopoietic stem cell maintenance and red blood cell development by ensuring sufficient availability of ribosomal constituents. Cell reports, 39(6), 110793.

Kiani Shabestari S, et al. (2022) Absence of microglia promotes diverse pathologies and early lethality in Alzheimer's disease mice. Cell reports, 39(11), 110961.

Weindel CG, et al. (2022) Mitochondrial ROS promotes susceptibility to infection via gasdermin D-mediated necroptosis. Cell, 185(17), 3214.

Safi F, et al. (2022) Concurrent stem- and lineage-affiliated chromatin programs precede hematopoietic lineage restriction. Cell reports, 39(6), 110798.

Shiroshita K, et al. (2022) A culture platform to study quiescent hematopoietic stem cells following genome editing. Cell reports methods, 2(12), 100354.

Yuan O, et al. (2022) A somatic mutation in moesin drives progression into acute myeloid leukemia. Science advances, 8(16), eabm9987.

Yi W, et al. (2021) Protein S-nitrosylation regulates proteostasis and viability of hematopoietic stem cell during regeneration. Cell reports, 34(13), 108922.

Agarwal P, et al. (2021) TNF-?-induced alterations in stromal progenitors enhance leukemic stem cell growth via CXCR2 signaling. Cell reports, 36(2), 109386.

Xu C, et al. (2020) The Gut Microbiome Regulates Psychological-Stress-Induced Inflammation. Immunity, 53(2), 417.

Spevak CC, et al. (2020) Hematopoietic Stem and Progenitor Cells Exhibit Stage-Specific Translational Programs via mTOR- and CDK1-Dependent Mechanisms. Cell stem cell, 26(5), 755.

Goldstein JM, et al. (2019) In Situ Modification of Tissue Stem and Progenitor Cell Genomes. Cell reports, 27(4), 1254.

Comazzetto S, et al. (2019) Restricted Hematopoietic Progenitors and Erythropoiesis Require SCF from Leptin Receptor+ Niche Cells in the Bone Marrow. Cell stem cell, 24(3), 477.