Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 5, 2025

CD90

RRID:AB_398677
Type: Antibody

Proper Citation

(BD Biosciences Cat# 559869, RRID:AB_398677)

Antibody Information

URL: http://antibodyregistry.org/AB_398677

Proper Citation: (BD Biosciences Cat# 559869, RRID:AB_398677)

Target Antigen: CD90 (Thy-1)

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD90

Description: This monoclonal targets CD90 (Thy-1)

Target Organism: baboon, pig, cynomolgus, rhesus, dog, human

Antibody ID: AB_398677

Vendor: BD Biosciences

Catalog Number: 559869

Record Creation Time: 20241016T230848+0000

Record Last Update: 20241017T000702+0000

Ratings and Alerts

No rating or validation information has been found for CD90.

No alerts have been found for CD90.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Ye C, et al. (2024) Canonical Wnt signaling directs the generation of functional human PSC-derived atrioventricular canal cardiomyocytes in bioprinted cardiac tissues. Cell stem cell, 31(3), 398.

Valeri E, et al. (2024) Removal of innate immune barriers allows efficient transduction of quiescent human hematopoietic stem cells. Molecular therapy : the journal of the American Society of Gene Therapy, 32(1), 124.

Park CS, et al. (2023) Stromal-induced epithelial-mesenchymal transition induces targetable drug resistance in acute lymphoblastic leukemia. Cell reports, 42(7), 112804.

Wang R, et al. (2023) A human skeletal muscle stem/myotube model reveals multiple signaling targets of cancer secretome in skeletal muscle. iScience, 26(4), 106541.

Inoue O, et al. (2023) Single-cell transcriptomics identifies adipose tissue CD271+ progenitors for enhanced angiogenesis in limb ischemia. Cell reports. Medicine, 4(12), 101337.

Ferrari S, et al. (2022) Choice of template delivery mitigates the genotoxic risk and adverse impact of editing in human hematopoietic stem cells. Cell stem cell, 29(10), 1428.

Kamiya D, et al. (2022) Generation of human GAPDH knock-in reporter iPSC lines for stable expression of tdTomato in pluripotent and differentiated culture conditions. Stem cell research, 60, 102704.

Omer-Javed A, et al. (2022) Mobilization-based chemotherapy-free engraftment of gene-edited human hematopoietic stem cells. Cell, 185(13), 2248.

Krivdova G, et al. (2022) Identification of the global miR-130a targetome reveals a role for TBL1XR1 in hematopoietic stem cell self-renewal and t(8;21) AML. Cell reports, 38(10), 110481.

Buravkova LB, et al. (2021) ?ord blood hematopoietic stem cells ex vivo enhance the

bipotential commitment of adipose mesenchymal stromal progenitors. Life sciences, 268, 118970.

Ferrari S, et al. (2021) BAR-Seq clonal tracking of gene-edited cells. Nature protocols, 16(6), 2991.

Mikryukov AA, et al. (2021) BMP10 Signaling Promotes the Development of Endocardial Cells from Human Pluripotent Stem Cell-Derived Cardiovascular Progenitors. Cell stem cell, 28(1), 96.

Takayama N, et al. (2021) The Transition from Quiescent to Activated States in Human Hematopoietic Stem Cells Is Governed by Dynamic 3D Genome Reorganization. Cell stem cell, 28(3), 488.

Nafria M, et al. (2020) Expression of RUNX1-ETO Rapidly Alters the Chromatin Landscape and Growth of Early Human Myeloid Precursor Cells. Cell reports, 31(8), 107691.

Gornostaeva AN, et al. (2020) Adipose-derived stromal cell immunosuppression of T cells is enhanced under "physiological" hypoxia. Tissue & cell, 63, 101320.

Nafria M, et al. (2020) Protocol for the Generation of Definitive Hematopoietic Progenitors from Human Pluripotent Stem Cells. STAR protocols, 1(3), 100130.

Chabi S, et al. (2019) Hypoxia Regulates Lymphoid Development of Human Hematopoietic Progenitors. Cell reports, 29(8), 2307.

Schiroli G, et al. (2019) Precise Gene Editing Preserves Hematopoietic Stem Cell Function following Transient p53-Mediated DNA Damage Response. Cell stem cell, 24(4), 551.

Xu H, et al. (2019) Targeted Disruption of HLA Genes via CRISPR-Cas9 Generates iPSCs with Enhanced Immune Compatibility. Cell stem cell, 24(4), 566.

Petrillo C, et al. (2018) Cyclosporine H Overcomes Innate Immune Restrictions to Improve Lentiviral Transduction and Gene Editing In Human Hematopoietic Stem Cells. Cell stem cell, 23(6), 820.