

Resource Summary Report

Generated by PRECISE-TBI on Jul 30, 2026

CD90

RRID:AB_395970

Type: Antibody

Proper Citation

BD Biosciences Cat# 555596, RRID:AB_395970

Antibody Information

URL: http://antibodyregistry.org/AB_395970

Proper Citation: BD Biosciences Cat# 555596, RRID:AB_395970

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_395970

Vendor: BD Biosciences

Catalog Number: 555596

Record Creation Time: 20250820T070232+0000

Record Last Update: 20250821T012841+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 15 mentions in open access literature.

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

Garcia GL, et al. (2025) Aged and BRCA-Mutated Stromal Cells Drive Epithelial Cell Transformation. Cancer discovery, 15(6), 1203.

Zimmerlin L, et al. (2025) Proteogenomic reprogramming to a functional human blastomere-like stem cell state via a PARP-DUX4 regulatory axis. Cell reports, 44(5), 115671.

Jakobsen NA, et al. (2024) Selective advantage of mutant stem cells in human clonal hematopoiesis is associated with attenuated response to inflammation and aging. Cell stem cell, 31(8), 1127.

Frisbie L, et al. (2024) Carcinoma-associated mesenchymal stem cells promote ovarian cancer heterogeneity and metastasis through mitochondrial transfer. Cell reports, 43(8), 114551.

Jin M, et al. (2024) Schisandrin B promotes hepatic differentiation from human umbilical cord mesenchymal stem cells. iScience, 27(2), 108912.

Yao S, et al. (2023) Targeting endometrial inflammation in intrauterine adhesion ameliorates endometrial fibrosis by priming MSCs to secrete C1INH. iScience, 26(7), 107201.

Hayashi Y, et al. (2022) MDS cells impair osteolineage differentiation of MSCs via extracellular vesicles to suppress normal hematopoiesis. Cell reports, 39(6), 110805.

Atiya HI, et al. (2022) Endometriosis-Associated Mesenchymal Stem Cells Support Ovarian Clear Cell Carcinoma through Iron Regulation. Cancer research, 82(24), 4680.

Uchida N, et al. (2021) Preclinical evaluation for engraftment of CD34+ cells gene-edited at the sickle cell disease locus in xenograft mouse and non-human primate models. Cell reports. Medicine, 2(4), 100247.

García-Prat L, et al. (2021) TFEB-mediated endolysosomal activity controls human hematopoietic stem cell fate. Cell stem cell, 28(10), 1838.

Shin JJ, et al. (2020) Controlled Cycling and Quiescence Enables Efficient HDR in Engraftment-Enriched Adult Hematopoietic Stem and Progenitor Cells. Cell reports, 32(9), 108093.

Fan H, et al. (2020) Epigenomic Reprogramming toward Mesenchymal-Epithelial Transition in Ovarian-Cancer-Associated Mesenchymal Stem Cells Drives Metastasis. Cell

reports, 33(10), 108473.

Golan K, et al. (2018) Daily Onset of Light and Darkness Differentially Controls Hematopoietic Stem Cell Differentiation and Maintenance. *Cell stem cell*, 23(4), 572.

Parveen S, et al. (2018) Establishment and characterization of induced pluripotent stem cells from placental mesenchymal stromal cells. *Stem cell research*, 27, 15.

Puram SV, et al. (2017) Single-Cell Transcriptomic Analysis of Primary and Metastatic Tumor Ecosystems in Head and Neck Cancer. *Cell*, 171(7), 1611.