

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

CD 133, Prominin 1

RRID:AB_470302

Type: Antibody

Proper Citation

Abcam Cat# ab19898, RRID:AB_470302

Antibody Information

URL: http://antibodyregistry.org/AB_470302

Proper Citation: Abcam Cat# ab19898, RRID:AB_470302

Target Antigen: Synthetic peptide conjugated to KLH derived from within residues 800 to the C-terminus of Human CD133

Host Organism: rabbit

Clonality: unknown

Comments: Used By NYUIHC-816

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: CD 133, Prominin 1

Description: This unknown targets Synthetic peptide conjugated to KLH derived from within residues 800 to the C-terminus of Human CD133

Antibody ID: AB_470302

Vendor: Abcam

Catalog Number: ab19898

Record Creation Time: 20250819T231034+0000

Record Last Update: 20250820T043154+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for CD 133, Prominin 1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Ma X, et al. (2026) The Small Chemical Compound Repsox Potentiates Oct4-Driven Astrocyte-to-Neural Stem Cell Reprogramming via Notch1/Hes1/Smurf2 Pathway. Cellular and molecular neurobiology, 46(1).

Cong M, et al. (2025) miRNA-21-5p is an important contributor to the promotion of injured peripheral nerve regeneration using hypoxia-pretreated bone marrow-derived neural crest cells. Neural regeneration research, 20(1), 277.

Schickel E, et al. (2025) Human cerebral organoids model tumor initiation and infiltration in an autologous astrocyte-supported setting. iScience, 28(9), 113334.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. Cell reports. Medicine, 6(3), 101986.

Li S, et al. (2024) Extracellular Vesicles Derived from Glioma Stem Cells Affect Glycometabolic Reprogramming of Glioma Cells Through the miR-10b-5p/PTEN/PI3K/Akt Pathway. Stem cell reviews and reports, 20(3), 779.

Quartieri M, et al. (2023) The role of hypoxia and radiation in developing a CTCs-like phenotype in murine osteosarcoma cells. Frontiers in cell and developmental biology, 11, 1222809.

Takeuchi K, et al. (2023) Incorporation of human iPSC-derived stromal cells creates a pancreatic cancer organoid with heterogeneous cancer-associated fibroblasts. Cell reports, 42(11), 113420.

Hallett JM, et al. (2022) Human biliary epithelial cells from discarded donor livers rescue bile duct structure and function in a mouse model of biliary disease. Cell stem cell, 29(3), 355.

Gil-Ranedo J, et al. (2021) Viral targeting of glioblastoma stem cells with patient-specific genetic and post-translational p53 deregulations. *Cell reports*, 36(10), 109673.

Barthet VJA, et al. (2021) Autophagy suppresses the formation of hepatocyte-derived cancer-initiating ductular progenitor cells in the liver. *Science advances*, 7(23).

Nimmakayala RK, et al. (2021) PGC1 β -Mediated Metabolic Reprogramming Drives the Stemness of Pancreatic Precursor Lesions. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 27(19), 5415.

Liang CJ, et al. (2019) SFRPs Are Biphasic Modulators of Wnt-Signaling-Elicited Cancer Stem Cell Properties beyond Extracellular Control. *Cell reports*, 28(6), 1511.

Zheng ZT, et al. (2017) Electrical stimulation improved cognitive deficits associated with traumatic brain injury in rats. *Brain and behavior*, 7(11), e00667.