

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

Y-79

RRID:CVCL_1893

Type: Cell Line

Proper Citation

RRID:CVCL_1893

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1893

Proper Citation: RRID:CVCL_1893

Description: Cell line Y-79 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Retinoblastoma

Defining Citation: [PMID:679190](#), [PMID:1679230](#), [PMID:2917337](#), [PMID:3413073](#), [PMID:3518877](#), [PMID:4135597](#), [PMID:6167750](#), [PMID:6351622](#), [PMID:7499444](#), [PMID:7689221](#), [PMID:18036396](#), [PMID:18799932](#), [PMID:19686387](#), [PMID:20215515](#), [PMID:21697133](#), [PMID:23498719](#), [PMID:25326674](#), [PMID:27050416](#), [PMID:27115612](#), [PMID:29162051](#), [PMID:29192327](#), [PMID:30584916](#), [PMID:32123578](#), [PMID:32143590](#)

Comments: Anecdotal: Named Y-79 because it was the result of the 79th attempt of a group at Yale to establish a retinoblastoma cell line., Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: Y-79

Synonyms: Y79, GM01232, GM01232E

Cross References: BTO:BTO_0002920, CLO:CLO_0009709, CLO:CLO_0030277, CLO:CLO_0051564, EFO:EFO_0002392, CLDB:cl4796, CLDB:cl4797, CLDB:cl4798, CLDB:cl4984, AddexBio:C0029001/4898, ArrayExpress:E-MTAB-38, ATCC:HTB-18, BCRC:60422, BCRJ:0380, BioSample:SAMN00803744, BioSample:SAMN01821607,

BioSample:SAMN03472733, BioSample:SAMN03473388, cancercellines:CVCL_1893, Cell_Model_Passport:SIDM01395, ChEMBL-Cells:ChEMBL3308054, ChEMBL-Targets:ChEMBL613820, CLS:300382, Coriell:GM01232, Cosmic:688120, Cosmic:808507, Cosmic:1071899, Cosmic:1176623, DepMap:ACH-001295, DSMZ:ACC-246, DSMZCellDive:ACC-246, ECACC:86093003, FANTOM5_SSTAR:10475-10617, GEO:GSM1250686, GEO:GSM1250688, GEO:GSM1486288, GEO:GSM2043882, IBRC:C11182, ICLC:HTL99029, IGRhCellID:Y79, JCRB:JCRB3020, JCRB:KURB2684, NCBI_Iran:C201, Progenetix:CVCL_1893, PubChem_Cell_line:CVCL_1893, RCB:RCB0427, RCB:RCB1645, Ubigen:YC-B015, Wikidata:Q54995129

ID: CVCL_1893

Record Creation Time: 20220427T221736+0000

Record Last Update: 20260913T010452+0000

Ratings and Alerts

No rating or validation information has been found for Y-79.

Warning: Discontinued: RCB; RCB0427

Anecdotal: Named Y-79 because it was the result of the 79th attempt of a group at Yale to establish a retinoblastoma cell line., Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE). **Warning:**

Discontinued: JCRB; KURB2684

Anecdotal: Named Y-79 because it was the result of the 79th attempt of a group at Yale to establish a retinoblastoma cell line., Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Gudenas BL, et al. (2026) A tumor-associated photoreceptor signature unifies distinct central nervous system malignancies. Cancer cell, 44(4), 831.

Sujjitjoon J, et al. (2026) B7-H3 and GD2 overexpression as immunotherapeutic targets in retinoblastoma. Scientific reports, 16(1), 4210.

Lindström L, et al. (2025) Targeting TUBG1 in RB1-negative tumors. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(5), e70431.

Zhang Z, et al. (2025) The role of lactate metabolism in retinoblastoma tumorigenesis and ferroptosis resistance. *Tissue & cell*, 95, 102893.

Ryl T, et al. (2024) A MYCN-driven de-differentiation profile identifies a subgroup of aggressive retinoblastoma. *Communications biology*, 7(1), 919.

Yin J, et al. (2024) Gentiopicroside inhibits retinoblastoma cell proliferation, invasion, and tumorigenesis in nude mice by suppressing the PI3K/AKT pathway. *Naunyn-Schmiedeberg's archives of pharmacology*, 397(2), 1003.

Wang Y, et al. (2024) Targeting ALDOA to modulate tumorigenesis and energy metabolism in retinoblastoma. *iScience*, 27(9), 110725.

Noguchi Y, et al. (2024) In vivo CRISPR screening directly targeting testicular cells. *Cell genomics*, 4(3), 100510.

Haase A, et al. (2024) New retinoblastoma (RB) drug delivery approaches: anti-tumor effect of atrial natriuretic peptide (ANP)-conjugated hyaluronic-acid-coated gold nanoparticles for intraocular treatment of chemoresistant RB. *Molecular oncology*.

Pearson JD, et al. (2024) Netrin-1 and UNC5B Cooperate with Integrins to Mediate YAP-Driven Cytostasis. *Cancer research communications*, 4(9), 2374.

Pascual-Pasto G, et al. (2024) Targeting GPC2 on Intraocular and CNS Metastatic Retinoblastomas with Local and Systemic Delivery of CAR T Cells. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(16), 3578.

Lunegova DA, et al. (2024) Antioxidant properties of the soluble carotenoprotein AstaP and its feasibility for retinal protection against oxidative stress. *The FEBS journal*.

Chittavanich P, et al. (2023) Ceftriaxone exerts antitumor effects in MYCN-driven retinoblastoma and neuroblastoma by targeting DDX3X for translation repression. *Molecular oncology*.

Schmid V, et al. (2022) Retinoschisin and novel Na/K-ATPase interaction partners Kv2.1 and Kv8.2 define a growing protein complex at the inner segments of mammalian photoreceptors. *Cellular and molecular life sciences : CMLS*, 79(8), 448.

Zeng S, et al. (2022) Inhibiting the activation of MAPK (ERK1/2) in stressed Müller cells prevents photoreceptor degeneration. *Theranostics*, 12(15), 6705.

Pearson JD, et al. (2021) Binary pan-cancer classes with distinct vulnerabilities defined by pro- or anti-cancer YAP/TEAD activity. *Cancer cell*, 39(8), 1115.

Hoshino A, et al. (2020) Extracellular Vesicle and Particle Biomarkers Define Multiple Human Cancers. *Cell*, 182(4), 1044.

Zhang T, et al. (2019) Simvastatin protects photoreceptors from oxidative stress induced by all-trans-retinal, through the up-regulation of interphotoreceptor retinoid binding protein. *British journal of pharmacology*, 176(12), 2063.