

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

MV3

RRID:CVCL_W280

Type: Cell Line

Proper Citation

BCRJ Cat# 0284, RRID:CVCL_W280

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_W280

Proper Citation: BCRJ Cat# 0284, RRID:CVCL_W280

Description: Cell line MV3 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Amelanotic melanoma

Defining Citation: [PMID:1918136](#), [PMID:2019461](#), [PMID:2060184](#), [PMID:7646526](#), [PMID:8688321](#), [PMID:18235964](#)

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: MV3

Synonyms: MV-3, MV 3

Cross References: BTO:BTO_0005033, BCRJ:0284, Cosmic:1181740, Wikidata:Q54907108

ID: CVCL_W280

Vendor: BCRJ

Catalog Number: 0284

Record Creation Time: 20220427T220828+0000

Record Last Update: 20260905T181223+0000

Ratings and Alerts

No rating or validation information has been found for MV3.

No alerts have been found for MV3.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Smits D, et al. (2026) Glycocalyx micro- and nanodomains in cell-cell and cell-matrix interactions revealed by enhanced click chemistry. Nature communications, 17(1).

Shi HZ, et al. (2026) BGN/MDK Axis in the Melanoma Tumor Microenvironment Strengthens Tumor Malignancy by Modulating Cancer Cells and Cancer-Associated Fibroblasts Crosstalk. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(28), e14590.

Heidenreich SJ, et al. (2026) Deciphering melanoma brain metastases: Role of cellular plasticity and metastatic origin. Biomaterials advances, 188, 214983.

van der Net A, et al. (2024) EMT-related cell-matrix interactions are linked to states of cell jamming in cancer spheroid invasion. iScience, 27(12), 111424.

Koch A, et al. (2024) Na⁺ /H⁺ exchanger NHE1 is active at cell-cell contacts and facilitates cell dissemination during collective migration of melanoma cells. Experimental dermatology, 33(1), e14983.

Meißgeier T, et al. (2024) Splicing control by PHF5A is crucial for melanoma cell survival. Cell proliferation, e13741.

Tavukcuoglu Z, et al. (2024) Platelet-derived extracellular vesicles induced through different activation pathways drive melanoma progression by functional and transcriptional changes. Cell communication and signaling : CCS, 22(1), 601.

Kluge V, et al. (2024) Alternative Wnt-signaling axis leads to a break of oncogene-induced senescence. Cell death & disease, 15(2), 166.

Lima AGF, et al. (2023) Direct antitumoral effects of sulfated fucans isolated from echinoderms: a possible role of neuropilin-1/?1 integrin endocytosis and focal adhesion kinase degradation. Glycobiology, 33(9), 715.

Guimarães-Bastos D, et al. (2022) Melanoma-derived extracellular vesicles skew neutrophils into a pro-tumor phenotype. Journal of leukocyte biology, 111(3), 585.

Martins Castanheira N, et al. (2022) Uptake of platelets by cancer cells and recycling of the platelet protein CD42a. *Journal of thrombosis and haemostasis : JTH*, 20(1), 170.

Böckelmann LC, et al. (2021) YKL-40 protein expression in human tumor samples and human tumor cell line xenografts: implications for its use in tumor models. *Cellular oncology (Dordrecht)*, 44(5), 1183.

Tao YK, et al. (2021) Grade-targeted nanoparticles for improved hypoxic tumor microenvironment and enhanced photodynamic cancer therapy. *Nanomedicine (London, England)*, 16(3), 221.

Müller S, et al. (2020) The oncofetal RNA-binding protein IGF2BP1 is a druggable, post-transcriptional super-enhancer of E2F-driven gene expression in cancer. *Nucleic acids research*, 48(15), 8576.