Resource Summary Report

Generated by RRID on Sep 9, 2026

WM164

RRID:CVCL_7928
Type: Cell Line

Proper Citation

RRID:CVCL_7928

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_7928

Proper Citation: RRID:CVCL_7928

Description: Cell line WM164 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Cutaneous melanoma

Defining Citation: PMID:2156614, PMID:2253310, PMID:2918552, PMID:8342600, PMID:15009714, PMID:16827748, PMID:18632627, PMID:18790768, PMID:30380804, PMID:34206371

Comments: Caution: The reported STR profile from Wistar of this cell line was changed at one point between February 2016 when we retrieved them and entered them in Cellosaurus and May 2018. The major changes were: CSF1PO., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: WM164

Synonyms: WM-164, WM 164

Cross References: cancercelllines:CVCL_7928, Cell_Model_Passport:SIDM00802, ChEMBL-Cells:CHEMBL4630601, ChEMBL-Targets:CHEMBL4630701, Cosmic:888857, Cosmic:897481, Cosmic:928684, Cosmic:1155550, Cosmic:1187586, Cosmic:1303065, GEO:GSM109030, GEO:GSM186471, GEO:GSM186472, GEO:GSM952584, PRIDE:PXD004343, Progenetix:CVCL_7928, PubChem_Cell_line:CVCL_7928, Rockland:WM164-01-0001, Wikidata:Q54994187

ID: CVCL_7928

Record Creation Time: 20220427T221721+0000

Record Last Update: 20260905T182754+0000

Ratings and Alerts

No rating or validation information has been found for WM164.

No alerts have been found for WM164.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Sung HM, et al. (2026) Peroxidasin enables melanoma immune escape by inhibiting natural killer cell cytotoxicity. Molecular oncology, 20(5), 1161.

Cramer EM, et al. (2026) Protocol for generation, time-course imaging, and automated quality control of 3D spheroid invasion using TRACEQC. STAR protocols, 7(2), 104616.

Murali VS, et al. (2024) RhoA activation promotes glucose uptake to elevate proliferation in MAPK inhibitor resistant melanoma cells. bioRxiv : the preprint server for biology.

Chhabra Y, et al. (2024) Sex-dependent effects in the aged melanoma tumor microenvironment influence invasion and resistance to targeted therapy. Cell, 187(21), 6016.

Motawea A, et al. (2024) Genistein transfersome-embedded topical delivery system for skin melanoma treatment: in vitro and ex vivo evaluations. Drug delivery, 31(1), 2372277.

Nguyen TT, et al. (2021) Mutations in the IFN??-JAK-STAT Pathway Causing Resistance to Immune Checkpoint Inhibitors in Melanoma Increase Sensitivity to Oncolytic Virus Treatment. Clinical cancer research : an official journal of the American Association for Cancer Research, 27(12), 3432.

Hyenne V, et al. (2019) Studying the Fate of Tumor Extracellular Vesicles at High Spatiotemporal Resolution Using the Zebrafish Embryo. Developmental cell, 48(4), 554.

Hill D, et al. (2018) Embryonic zebrafish xenograft assay of human cancer metastasis. F1000Research, 7, 1682.