# Resource Summary Report

Generated by dkNET on Sep 1, 2026

## WM983B

RRID:CVCL_6809
Type: Cell Line

### Proper Citation

RRID:CVCL_6809

### Cell Line Information

**URL:** https://web.expasy.org/cellosaurus/CVCL_6809

**Proper Citation:** RRID:CVCL_6809

**Description:** Cell line WM983B is a Cancer cell line with a species of origin Homo sapiens (Human)

**Sex:** Male

**Disease:** Melanoma

**Defining Citation:** PMID:2068080, PMID:2253310, PMID:16827748, PMID:18632627, PMID:21156289, PMID:22460905, PMID:23285177, PMID:26589293, PMID:30894373, PMID:31068700

**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: deletion of D18S51., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

**Category:** Cancer cell line

**Organism:** Homo sapiens (Human)

**Name:** WM983B

**Synonyms:** WM-983B, WM 983B, WM983-B, WM-983/B, WC00066

**Cross References:** BTO:BTO_0005042, ArrayExpress:E-MTAB-2770, BioGRID_ORCS_Cell_line:441, BioSample:SAMN10987974, cancercelllines:CVCL_6809, Cell_Model_Passport:SIDM01397, Coriell:WC00066, Cosmic:686406, Cosmic:1155557, Cosmic:1303082, DepMap:ACH-000765, GEO:GSM109048, GEO:GSM887740, GEO:GSM888835, GEO:GSM952592, IARC_TP53:30190, LiGeA:CCLE_332,

PharmacoDB:WM983B_1666_2019, Progenetix:CVCL_6809, Rockland:WM983B-01-0001, Wikidata:Q54994346

**ID:** CVCL_6809

**Record Creation Time:** 20220427T221722+0000

**Record Last Update:** 20260830T000327+0000

## Ratings and Alerts

No rating or validation information has been found for WM983B.

Warning: Discontinued: Coriell; WC00066
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: deletion of D18S51., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., 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 16 mentions in open access literature.

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

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.

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

Kakhki NR, et al. (2026) Metabolic profiling of human melanoma cell lines with high and low metastatic capacity by 1H-NMR spectroscopy. PloS one, 21(7), e0352639.

Ramírez-Sánchez A, et al. (2026) Metabolic buffering restricts phenotype switching in melanoma. The EMBO journal.

Paun RA, et al. (2025) Liposome-Polymer Nanoparticles Loaded with Copper Diethyldithiocarbamate and 6-Bromo-Indirubin-3'-Oxime Enable the Treatment of Refractive Melanoma. Small (Weinheim an der Bergstrasse, Germany), 21(24), e2409012.

Boucher J, et al. (2025) CDK12 inhibition reveals melanoma dependence on the RUNX1/CBF? complex for genomic stability. Cell reports, 44(11), 116495.

Peralta M, et al. (2025) Endothelial calcium firing mediates the extravasation of metastatic tumor cells. iScience, 28(2), 111690.

Szabó I, et al. (2024) Targeting the Melanocortin 1 Receptor in Melanoma: Biological Activity of ?-MSH-Peptide Conjugates. International journal of molecular sciences, 25(2).

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.

Waddell A, et al. (2024) p300 KAT Regulates SOX10 Stability and Function in Human Melanoma. Cancer research communications, 4(8), 1894.

Gupta PK, et al. (2024) Metabolic Imaging Biomarkers of Response to Signaling Inhibition Therapy in Melanoma. Cancers, 16(2).

Crosas-Molist E, et al. (2023) AMPK is a mechano-metabolic sensor linking cell adhesion and mitochondrial dynamics to Myosin-dependent cell migration. Nature communications, 14(1), 2740.

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.

Hanniford D, et al. (2020) Epigenetic Silencing of CDR1as Drives IGF2BP3-Mediated Melanoma Invasion and Metastasis. Cancer cell, 37(1), 55.

Orgaz JL, et al. (2020) Myosin II Reactivation and Cytoskeletal Remodeling as a Hallmark and a Vulnerability in Melanoma Therapy Resistance. Cancer cell, 37(1), 85.

Zingg D, et al. (2018) EZH2-Mediated Primary Cilium Deconstruction Drives Metastatic Melanoma Formation. Cancer cell, 34(1), 69.