Resource Summary Report

Generated by dkNET on Sep 2, 2026

1205Lu

RRID:CVCL_5239
Type: Cell Line

Proper Citation

RRID:CVCL_5239

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5239

Proper Citation: RRID:CVCL_5239

Description: Cell line 1205Lu is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Cutaneous melanoma

Defining Citation: PMID:2068080, PMID:8342600, PMID:15592718, PMID:16827748, PMID:18632627, PMID:18790768, PMID:25950383

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: Amelogenin., Characteristics: Established from serial passaging of the parent cell line through immune deficient mice and harvesting lung metastasis., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Problematic cell line: Partially contaminated. The stock formerly distributed by Coriell (WC00058) contains a significant amount of mouse DNA (DOI=10.4172/1948-5956.1000196). This is not the case of the original Wistar stock which was distributed by Rockland (DOI=10.4172/1948-5956.1000401)..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: 1205Lu

Synonyms: 1205-Lu, 1205 Lu, WM 1205LU, WM-1205LU, WM1205Lu, WM1205, LU1205, Lu1205, WC00058

Cross References: BTO:BTO_0005011, CLO:CLO_0001056, EFO:EFO_0002810, ATCC:CRL-2812, BioSample:SAMN03471797, cancercelllines:CVCL_5239, Cell_Model_Passport:SIDM00972, Coriell:WC00058, Cosmic:686410, Cosmic:905861, Cosmic:972275, Cosmic:1155274, Cosmic:1155554, Cosmic:1187583, Cosmic:1303026, Cosmic:1507616, ESTDAB:ESTDAB-067, GEO:GSM109020, GEO:GSM109021, GEO:GSM188067, GEO:GSM188119, GEO:GSM188192, GEO:GSM188207, GEO:GSM188218, GEO:GSM188283, GEO:GSM188292, GEO:GSM952578, LINCS_LDP:LCL-1236, Lonza:900, PRIDE:PXD004343, Progenetix:CVCL_5239, Rockland:51603, SKY/M-FISH/CGH:4946, Wikidata:Q54581163

ID: CVCL_5239

Hierarchy: cvcl_8787

Record Creation Time: 20220427T215031+0000

Record Last Update: 20260830T001818+0000

Ratings and Alerts

No rating or validation information has been found for 1205Lu.

Warning: Problematic cell line: Partially contaminated. The stock formerly distributed by Coriell (WC00058) contains a significant amount of mouse DNA (DOI=10.4172/1948-5956.1000196). This is not the case of the original Wistar stock which was distributed by Rockland (DOI=10.4172/1948-5956.1000401).

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00483.
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: Amelogenin., Characteristics: Established from serial passaging of the parent cell line through immune deficient mice and harvesting lung metastasis., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Problematic cell line: Partially contaminated. The stock formerly distributed by Coriell (WC00058) contains a significant amount of mouse DNA (DOI=10.4172/1948-5956.1000196). This is not the case of the original Wistar stock which was distributed by Rockland (DOI=10.4172/1948-5956.1000401).. Warning: Discontinued: Coriell; WC00058
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metastasis., Population: Caucasian., Part of: Wistar Institute melanoma cell line collection., Problematic cell line: Partially contaminated. The stock formerly distributed by Coriell (WC00058) contains a significant amount of mouse DNA (DOI=10.4172/1948-5956.1000196). This is not the case of the original Wistar stock which was distributed by Rockland (DOI=10.4172/1948-5956.1000401)..

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 dkNET .

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

Jasani N, et al. (2025) PHGDH Induction by MAPK Is Essential for Melanoma Formation and Creates an Actionable Metabolic Vulnerability. Cancer research, 85(2), 314.

Xu X, et al. (2025) FRA1 drives melanoma metastasis through an actionable transcriptional network. Oncogene, 44(50), 4895.

Krause LCM, et al. (2025) The IFN??-CIITA-MHC II axis modulates melanoma cell susceptibility to NK-cell-mediated cytotoxicity. Molecular oncology, 19(11), 3096.

Biber P, et al. (2025) USP9X is a mechanosensitive deubiquitinase that controls tumor cell invasiveness and drug response through YAP stabilization. Cell reports, 44(10), 116372.

Xu X, et al. (2025) FRA1 drives melanoma metastasis through an actionable transcriptional network. bioRxiv : the preprint server for biology.

Fr??hlich LM, et al. (2024) PARP1 expression predicts PARP inhibitor sensitivity and correlates with metastatic potential and overall survival in melanoma. International journal of cancer, 155(2), 203.

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.

Ling H, et al. (2024) HDAC10 inhibition represses melanoma cell growth and BRAF inhibitor resistance via upregulating SPARC expression. NAR cancer, 6(2), zcae018.

Xu X, et al. (2024) PTEN Lipid Phosphatase Activity Suppresses Melanoma Formation by Opposing an AKT/mTOR/FRA1 Signaling Axis. Cancer research, 84(3), 388.

Kleszcz R, et al. (2023) Tannins in cancer prevention and therapy. British journal of pharmacology.

Xu X, et al. (2022) Gain of Chromosome 1q Perturbs a Competitive Endogenous RNA Network to Promote Melanoma Metastasis. Cancer research, 82(17), 3016.

Linck-Paulus L, et al. (2021) Learning from Embryogenesis-A Comparative Expression Analysis in Melanoblast Differentiation and Tumorigenesis Reveals miRNAs Driving Melanoma Development. Journal of clinical medicine, 10(11).