

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

DMS 454

RRID:CVCL_2438

Type: Cell Line

Proper Citation

RRID:CVCL_2438

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2438

Proper Citation: RRID:CVCL_2438

Description: Cell line DMS 454 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung small cell carcinoma

Defining Citation: [PMID:22460905](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25960936](#), [PMID:26589293](#), [PMID:30894373](#), [PMID:31068700](#)

Comments: Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: DMS 454

Synonyms: DMS-454, DMS454, Darmouth Medical School 454

Cross References: CLO:CLO_0002798, EFO:EFO_0006390, CLDB:cl1080, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, BioSample:SAMN03472956, BioSample:SAMN10987979, cancercellines:CVCL_2438, Cell_Model_Passport:SIDM01503, DepMap:ACH-000844, ECACC:95062832, EGA:EGAS00001000610, GEO:GSM886983, GEO:GSM888052, IARC_TP53:28369, LiGeA:CCLE_801, PharmacoDB:DMS454_296_2019, Progenetix:CVCL_2438, Wikidata:Q54831307

ID: CVCL_2438

Record Creation Time: 20220427T215820+0000

Record Last Update: 20260905T175235+0000

Ratings and Alerts

No rating or validation information has been found for DMS 454.

No alerts have been found for DMS 454.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Pantazaka E, et al. (2026) Repurposing Artesunate to Combat Progression and Metastasis via Targeting Circulating Tumor Cells. *Oncology research*, 34(6), 13.

Groves SM, et al. (2022) Archetype tasks link intratumoral heterogeneity to plasticity and cancer hallmarks in small cell lung cancer. *Cell systems*, 13(9), 690.

Yu W, et al. (2022) Pulmonary neuroendocrine cells sense succinate to stimulate myoepithelial cell contraction. *Developmental cell*, 57(18), 2221.