Resource Summary Report

Generated by NIF on Sep 10, 2026

MDST8

RRID:CVCL_2588
Type: Cell Line

Proper Citation

RRID:CVCL_2588

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2588

Proper Citation: RRID:CVCL_2588

Description: Cell line MDST8 is a Cancer cell line with a species of origin Homo sapiens (Human)

Disease: Colon carcinoma

Defining Citation: PMID:9813657, PMID:20215515, PMID:22460905, PMID:25485619, PMID:25877200, PMID:25926053, PMID:26589293, PMID:27397505, PMID:28196595, PMID:28854368, PMID:30894373, PMID:30971826, PMID:31068700, PMID:31978347, PMID:35839778

Comments: Population: Caucasian., Part of: MD Anderson Cell Lines Project., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: MDST8

Synonyms: T8

Cross References: CLO:CLO_0009970, EFO:EFO_0006644, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:550, BioSample:SAMN03473139, BioSample:SAMN10988016, cancercelllines:CVCL_2588, Cell_Model_Passport:SIDM00527, ColonAtlas:MDST8, Cosmic:1995502, Cosmic-CLP:1240173, DepMap:ACH-000935, ECACC:99011801, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:1240173, GEO:GSM206524, GEO:GSM827347, GEO:GSM887303,

GEO:GSM888378, GEO:GSM1448122, GEO:GSM1670088, IARC_TP53:30118, LiGeA:CCLE_843, LINCS_LDP:LCL-1164, PharmacoDB:MDST8_908_2019, PRIDE:PXD005235, PRIDE:PXD030304, Progenetix:CVCL_2588, Wikidata:Q54904834

ID: CVCL_2588

Record Creation Time: 20220427T220758+0000

Record Last Update: 20260905T181128+0000

Ratings and Alerts

No rating or validation information has been found for MDST8.

No alerts have been found for MDST8.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Morozova V, et al. (2025) Pharmacodynamic analyses of LAT1 inhibitors in vitro and in vivo by targeted metabolomics reveal target-independent effects. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 190, 118402.

Asif PJ, et al. (2025) Mesenchymal Colorectal Cancers Secrete Vesicles With Unique Cargo That Can Be Used for Liquid Biopsy Based Diagnostics. Journal of extracellular vesicles, 14(11), e70171.

Castro J, et al. (2025) A Potent, Selective, Small-Molecule Inhibitor of DHX9 Abrogates Proliferation of Microsatellite Instable Cancers with Deficient Mismatch Repair. Cancer research, 85(4), 758.

Sogari A, et al. (2024) Tolerance to colibactin correlates with homologous recombination proficiency and resistance to irinotecan in colorectal cancer cells. Cell reports. Medicine, 5(2), 101376.

Pacini C, et al. (2024) A comprehensive clinically informed map of dependencies in cancer cells and framework for target prioritization. Cancer cell, 42(2), 301.

Bootsma S, et al. (2024) Exploiting a subtype-specific mitochondrial vulnerability for successful treatment of colorectal peritoneal metastases. Cell reports. Medicine, 5(5), 101523.