

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

KYSE-520

RRID:CVCL_1355

Type: Cell Line

Proper Citation

RRID:CVCL_1355

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1355

Proper Citation: RRID:CVCL_1355

Description: Cell line KYSE-520 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Esophageal squamous cell carcinoma

Defining Citation: [PMID:1728357](#), [PMID:7913084](#), [PMID:8575860](#), [PMID:9033652](#), [PMID:11092977](#), [PMID:11520067](#), [PMID:12963126](#), [PMID:15172977](#), [PMID:16045545](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:30629668](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:35839778](#)

Comments: Population: Japanese., 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: KYSE-520

Synonyms: KYSE 520, KYSE520, Kyse520, KYSE0520

Cross References: CLO:CLO_0007136, EFO:EFO_0006632, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:922, BioSample:SAMN03471053, BioSample:SAMN10987932, cancercellines:CVCL_1355, Cell_Model_Passport:SIDM01025, CGH-DB:289-1, CGH-DB:9238-4, ChEMBL-Cells:ChEMBL3307804, ChEMBL-Targets:ChEMBL612701, CLS:305449,

Cosmic:753575, Cosmic:918536, Cosmic:929528, Cosmic:1123344, Cosmic:2009521, Cosmic:2698445, Cosmic-CLP:753575, DepMap:ACH-000637, DSMZ:ACC-371, DSMZCellDive:ACC-371, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:753575, GEO:GSM590307, GEO:GSM827538, GEO:GSM887255, GEO:GSM888330, GEO:GSM1670025, IARC_TP53:7693, JCRB:JCRB1439, LiGeA:CCLE_661, LINCS_LDP:LCL-1556, PharmacDB:KYSE520_811_2019, PRIDE:PXD030304, Progenetix:CVCL_1355, PubChem_Cell_line:CVCL_1355, Wikidata:Q54900834

ID: CVCL_1355

Record Creation Time: 20220427T220712+0000

Record Last Update: 20260913T004713+0000

Ratings and Alerts

No rating or validation information has been found for KYSE-520.

No alerts have been found for KYSE-520.

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](#) .

Peng Y, et al. (2026) SDP-LIV1, a Novel and Optimized LIV-1 Antibody-Drug Conjugate Demonstrating Superior Antitumor Efficacy and a Favorable Safety Profile for the Treatment of Solid Tumors. *Molecular cancer therapeutics*, 25(2), 322.

Wang HL, et al. (2025) Anovel anti-B7-H3 nanobody and its DM1 conjugate with marked anti-tumor activity against esophageal squamous cell carcinoma. *International journal of biological macromolecules*, 322(Pt 4), 147025.

Zhang J, et al. (2023) Phosphohistidine signaling promotes FAK-RB1 interaction and growth factor-independent proliferation of esophageal squamous cell carcinoma. *Oncogene*, 42(6), 449.

Vemulapalli V, et al. (2021) Time-resolved phosphoproteomics reveals scaffolding and catalysis-responsive patterns of SHP2-dependent signaling. *eLife*, 10.

Zhang J, et al. (2019) Glucose Drives Growth Factor-Independent Esophageal Cancer Proliferation via Phosphohistidine-Focal Adhesion Kinase Signaling. *Cellular and molecular gastroenterology and hepatology*, 8(1), 37.

Yu VZ, et al. (2019) Endoplasmic reticulum-localized ECM1b suppresses tumor growth and regulates MYC and MTORC1 through modulating MTORC2 activation in esophageal squamous cell carcinoma. *Cancer letters*, 461, 56.