Resource Summary Report

Generated by NIF on Sep 20, 2026

KYM-1

RRID:CVCL_3007
Type: Cell Line

Proper Citation

RRID:CVCL_3007

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3007

Proper Citation: RRID:CVCL_3007

Description: Cell line KYM-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Embryonal rhabdomyosarcoma

Defining Citation: PMID:1960402, PMID:3830265, PMID:9290701, PMID:11921280, PMID:17471488, PMID:18082704, PMID:20215515, PMID:22460905, PMID:23665679, PMID:23828214, PMID:24418192, PMID:26589293, PMID:27397505, PMID:30894373, PMID:31068700, PMID:31978347, PMID:32758582, PMID:35839778

Comments: Population: Japanese., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Possibly misclassified. It is not certain that this cell line originate from a alveolar rhabdomyosarcoma (ARMS). It lacks the PAXA3-FOXO1 gene fusion characteristics of ARMS. Many papers classify it as an embryonal rhabdomyosarcoma (ERMS) and we accordingly describe it as such..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: KYM-1

Synonyms: Kym-1, KYM1

Cross References: CLO:CLO_0037073, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioSample:SAMN03471640, BioSample:SAMN10988099, cancercelllines:CVCL_3007, Cell_Model_Passport:SIDM00552, Cosmic:801759,

Cosmic:1995475, Cosmic:2144781, Cosmic-CLP:1240166, DepMap:ACH-000607, EGA:EGAS00001000978, FANTOM5_SSTAR:10787-110H4, GDSC:1240166, GEO:GSM827283, GEO:GSM887245, GEO:GSM888320, GEO:GSM1670015, IARC_TP53:30110, JCRB:JCRB0627, LiGeA:CCLE_614, LINCS_LDP:LCL-1412, PharmacoDB:KYM1_799_2019, PRIDE:PXD030304, Progenetix:CVCL_3007, Wikidata:Q54900787

ID: CVCL_3007

Record Creation Time: 20220427T220711+0000

Record Last Update: 20260920T004321+0000

Ratings and Alerts

No rating or validation information has been found for KYM-1.

Warning: Problematic cell line: Possibly misclassified. It is not certain that this cell line originate from a alveolar rhabdomyosarcoma (ARMS). It lacks the PAXA3-FOXO1 gene fusion characteristics of ARMS. Many papers classify it as an embryonal rhabdomyosarcoma (ERMS) and we accordingly describe it as such.
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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 .

Haydn T, et al. (2020) Next-generation sequencing reveals a novel role of lysine-specific demethylase 1 in adhesion of rhabdomyosarcoma cells. International journal of cancer, 146(12), 3435.

Oberlick EM, et al. (2019) Small-Molecule and CRISPR Screening Converge to Reveal Receptor Tyrosine Kinase Dependencies in Pediatric Rhabdoid Tumors. Cell reports, 28(9), 2331.

Zhang Q, et al. (2017) NF-??B Dynamics Discriminate between TNF Doses in Single Cells. Cell systems, 5(6), 638.