

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

SKW-3

RRID:CVCL_2197

Type: Cell Line

Proper Citation

RRID:CVCL_2197

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2197

Proper Citation: RRID:CVCL_2197

Description: Cell line SKW-3 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Adult T acute lymphoblastic leukemia

Defining Citation: [PMID:2985879](#), [PMID:3159941](#), [PMID:3874327](#), [PMID:7849311](#), [PMID:8127147](#), [PMID:8641406](#), [PMID:9510473](#), [PMID:9933131](#), [PMID:15472075](#), [PMID:20143388](#)

Comments: Population: Caucasian., Problematic cell line: Contaminated. Shown to be a KE-37 derivative (PubMed=20143388). Originally thought to originate from the peripheral blood of a 61 year old male patient with T cell chronic lymphocytic leukemia..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: SKW-3

Synonyms: SKW3

Cross References: BTO:BTO_0006057, CLO:CLO_0009068, CLO:CLO_0051007, CLDB:cl4362, BioSample:SAMN03151818, BioSample:SAMN03473523, cancercellines:CVCL_2197, CLS:300343, Cosmic:913412, Cosmic:919156, Cosmic:933546, Cosmic:1524820, Cosmic:1641385, DSMZ:ACC-53, DSMZCellDive:ACC-53, FANTOM5_SSTAR:10416-106C2, NCBI_Iran:C182, RCB:RCB1168, TKG:TKG 0247, Wikidata:Q108821313

ID: CVCL_2197

Hierarchy: cvcl_1327

Record Creation Time: 20220427T221549+0000

Record Last Update: 20260905T182411+0000

Ratings and Alerts

No rating or validation information has been found for SKW-3.

Warning: Problematic cell line: Contaminated. Shown to be a KE-37 derivative (PubMed=20143388). Originally thought to originate from the peripheral blood of a 61 year old male patient with T cell chronic lymphocytic leukemia.

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00346.

Population: Caucasian., Problematic cell line: Contaminated. Shown to be a KE-37 derivative (PubMed=20143388). Originally thought to originate from the peripheral blood of a 61 year old male patient with T cell chronic lymphocytic leukemia..

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Mehandzhiyski AY, et al. (2026) Cytotoxic Profiling of 3',4',5'-Trimethoxychalcones Reveals Cell-Line-Dependent Cytotoxic Activity: An In Vitro and In Silico Study. Chemistry & biodiversity, 23(5), e71336.

Stetsenko V, et al. (2025) Human CD4+ T cells recognize Mycobacterium tuberculosis-infected macrophages amid broader responses. The Journal of experimental medicine, 222(12).

Marchesini M, et al. (2020) Blockade of Oncogenic NOTCH1 with the SERCA Inhibitor CAD204520 in T Cell Acute Lymphoblastic Leukemia. Cell chemical biology, 27(6), 678.

Sibener LV, et al. (2018) Isolation of a Structural Mechanism for Uncoupling T Cell Receptor Signaling from Peptide-MHC Binding. Cell, 174(3), 672.