Resource Summary Report

Generated by RRID on Sep 9, 2026

T47D-KBluc

RRID:CVCL_K229
Type: Cell Line

Proper Citation

RRID:CVCL_K229

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_K229

Proper Citation: RRID:CVCL_K229

Description: Cell line T47D-KBluc is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Invasive breast carcinoma of no special type

Defining Citation: PMID:15166400, PMID:24176112, PMID:25960936

Comments: Characteristics: Used to screen chemicals for estrogenic or anti-estrogenic activity. Selected for responsiveness to 17-beta-estradiol. Transfected with a pGL2.TATA.Inr.luc.neo plasmid which contains three estrogen responsive elements upstream of the luciferase reporter gene (PubMed=15166400)., Population: Caucasian., Part of: JWGray breast cancer cell line panel.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: T47D-KBluc

Synonyms: T47D-KBLUC, T47D Kbluc, T47D_KBluc, T47DKBluc, T47DKBLUC

Cross References: CLO:CLO_0037191, ATCC:CRL-2865, cancercelllines:CVCL_K229, GEO:GSM1172905, GEO:GSM1173001, LINCS_HMS:51091, LINCS_LDP:LCL-2064, Wikidata:Q54971561

ID: CVCL_K229

Hierarchy: cvcl_0553

Record Creation Time: 20220427T221618+0000

Record Last Update: 20260905T182531+0000

Ratings and Alerts

No rating or validation information has been found for T47D-KBluc.

No alerts have been found for T47D-KBluc.

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 .

Palmer CL, et al. (2025) CDK4 selective inhibition improves preclinical anti-tumor efficacy and safety. Cancer cell, 43(3), 464.

Zhu X, et al. (2024) NAMPT-targeting PROTAC and nicotinic acid co-administration elicit safe and robust anti-tumor efficacy in NAPRT-deficient pan-cancers. Cell chemical biology, 31(6), 1203.

Mondal C, et al. (2022) A proliferative to invasive switch is mediated by srGAP1 downregulation through the activation of TGF-??2 signaling. Cell reports, 40(12), 111358.

Ferrari R, et al. (2020) TFIIIC Binding to Alu Elements Controls Gene Expression via Chromatin Looping and Histone Acetylation. Molecular cell, 77(3), 475.