

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

Ku812

RRID:CVCL_0379

Type: Cell Line

Proper Citation

RRID:CVCL_0379

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0379

Proper Citation: RRID:CVCL_0379

Description: Cell line Ku812 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Chronic myelogenous leukemia, BCR-ABL1 positive

Defining Citation: [PMID:2540861](#), [PMID:3332852](#), [PMID:3858609](#), [PMID:9290701](#), [PMID:9510473](#), [PMID:9644295](#), [PMID:10071072](#), [PMID:10576511](#), [PMID:11264164](#), [PMID:11416159](#), [PMID:15843827](#), [PMID:16408098](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20809971](#), [PMID:22460905](#), [PMID:25149487](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:30285677](#), [PMID:30629668](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31160637](#), [PMID:35839778](#)

Comments: Population: Japanese., Part of: LL-100 blood cancer cell line panel., 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: Ku812

Synonyms: KU812, KU-812, KU.812, KU 812

Cross References: BTO:BTO_0000732, CLO:CLO_0007124, CLO:CLO_0007125, CLO:CLO_0050989, EFO:EFO_0002222, MCCL:MCC:0000274, CLDB:cl3070, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ArrayExpress:E-MTAB-7721, ArrayExpress:E-MTAB-7722,

ATCC:CRL-2099, BCRC:60502, BCRJ:0261, BioSample:SAMN01821693, BioSample:SAMN01821733, BioSample:SAMN03472893, BioSample:SAMN10988528, cancercellines:CVCL_0379, CCRID:1101HUM-PUMC000522, CCRID:3101HUMTCHu189, Cell_Model_Passport:SIDM00308, CGH-DB:9211-4, ChEMBL-Cells:ChEMBL3308504, ChEMBL-Targets:ChEMBL613997, CLS:305306, Cosmic:787498, Cosmic:907311, Cosmic:919119, Cosmic:922163, Cosmic:924052, Cosmic:949096, Cosmic:991560, Cosmic:999778, Cosmic:1012080, Cosmic:1026568, Cosmic:1067444, Cosmic:1078716, Cosmic:1519164, Cosmic:2009518, Cosmic-CLP:907311, DepMap:ACH-000074, DSMZ:ACC-378, DSMZCellDive:ACC-378, ECACC:90071807, EGA:EGAS00001000610, EGA:EGAS00001000978, FANTOM5_SSTAR:10409-106B4, GDSC:907311, GEO:GSM887244, GEO:GSM888318, GEO:GSM1374606, GEO:GSM1670011, IARC_TP53:342, IARC_TP53:21446, IGRhCellID:KU812, JCRB:IFO50363, JCRB:JCRB0104, LiGeA:CCL_172, LINCS_LDP:LCL-1106, Lonza:1207, PharmacDB:KU812_795_2019, PRIDE:PXD030304, Progenetix:CVCL_0379, PubChem_Cell_line:CVCL_0379, RCB:RCB0495, Wikidata:Q54900693

ID: CVCL_0379

Record Creation Time: 20220427T220710+0000

Record Last Update: 20260920T004319+0000

Ratings and Alerts

No rating or validation information has been found for Ku812.

No alerts have been found for Ku812.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Lou E, et al. (2026) Super-Enhancer-Driven SOX4/SMAD3 Mediate Membrane Remodeling by Regulating Phospholipid Metabolism to Accelerate Leukemia Progression. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(24), e12332.

Kunzmann GB, et al. (2026) Dynamic UFMylation governs cellular fitness by coordinating multi-organelle proteostasis. *bioRxiv : the preprint server for biology*.

Fan B, et al. (2026) ZDHHC17-mediated IKK γ palmitoylation suppresses NF- κ B signaling to mitigate the progression of liver fibrosis. *iScience*, 29(7), 116360.

Liu T, et al. (2025) A generalized strategy to kill leukemic cells by targeting the regulatory systems governing mitochondrial membrane potential. *Cell reports*, 44(11), 116496.

Surani AA, et al. (2022) Implications of differential transcription start site selection on chronic myeloid leukemia and prostate cancer cell protein expression. *iScience*, 25(12), 105519.

Menzl I, et al. (2019) A kinase-independent role for CDK8 in BCR-ABL1+ leukemia. *Nature communications*, 10(1), 4741.

Huang SY, et al. (2018) CD69 partially inhibits apoptosis and erythroid differentiation via CD24, and their knockdown increase imatinib sensitivity in BCR-ABL-positive cells. *Journal of cellular physiology*, 233(9), 7467.

Shan M, et al. (2018) Secreted IgD Amplifies Humoral T Helper 2 Cell Responses by Binding Basophils via Galectin-9 and CD44. *Immunity*, 49(4), 709.