

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

HBL-100

RRID:CVCL_4362

Type: Cell Line

Proper Citation

CLS Cat# 300178, RRID:CVCL_4362

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4362

Proper Citation: CLS Cat# 300178, RRID:CVCL_4362

Description: Cell line HBL-100 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:2547730](#), [PMID:2840847](#), [PMID:2995096](#), [PMID:3109929](#), [PMID:6500159](#), [PMID:6891286](#), [PMID:9671407](#), [PMID:10969801](#), [PMID:11416159](#), [PMID:12661003](#), [PMID:16643607](#), [PMID:17157791](#), [PMID:20143388](#), [PMID:24094812](#), [PMID:24176112](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:28889351](#)

Comments: Karyotypic information: Near triploid with the modal number of 67 chromosomes (ATCC=HTB-124)., Virology: Contains 2 copies of the SV40 genome, one complete the other incomplete tandemly integrated in the cell line genome., Part of: JWGray breast cancer cell line panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misidentified. Presence of a Y chromosome in cell line that was thought to be of female origin (PubMed=16643607; PubMed=20143388). Originally thought to originate from a casein-producing breast cell line from a 27 year old Caucasian woman. In addition contains SV40 genomic sequence while the cell line was deemed to be spontaneously immortalized..

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: HBL-100

Synonyms: HBL 100, HBL100

Cross References: BTO:BTO_0004734, CLO:CLO_0003626, EFO:EFO_0001167, CLDB:cl1571, ArrayExpress:E-MTAB-2706, ArrayExpress:E-TABM-157, ATCC:HTB-124, BioSample:SAMN03152011, BioSample:SAMN03471101, BioSample:SAMN03472914, CCRID:1101HUM-PUMC000374, CCRID:3101HUMGNHu10, CCTCC:GDC0195, ChEMBL-Cells:ChEMBL3307713, ChEMBL-Targets:ChEMBL614811, CLS:300178, Cosmic:687471, Cosmic:877447, Cosmic:934533, Cosmic:979722, Cosmic:991323, Cosmic:1010933, Cosmic:1136364, Cosmic:1176632, Cosmic:1434949, Cosmic:1524348, Cosmic:1609469, DepMap:ACH-002321, EGA:EGAS00001000610, GEO:GSM1053697, IARC_TP53:21063, LINCS_HMS:51117, PharmacDB:HBL100_443_2019, PubChem_Cell_line:CVCL_4362, RCB:RCB0460, TOKU-E:3589, Ubigen:YC-C013, Wikidata:Q54881428

ID: CVCL_4362

Vendor: CLS

Catalog Number: 300178

Record Creation Time: 20220624T070749+0000

Record Last Update: 20260905T182939+0000

Ratings and Alerts

No rating or validation information has been found for HBL-100.

Warning: Problematic cell line: Misidentified. Presence of a Y chromosome in cell line that was thought to be of female origin (PubMed=16643607; PubMed=20143388). Originally thought to originate from a casein-producing breast cell line from a 27 year old Caucasian woman. In addition contains SV40 genomic sequence while the cell line was deemed to be spontaneously immortalized.

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00207.

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Discontinued: RCB; RCB0460

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Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

He YH, et al. (2021) ER?? determines the chemo-resistant function of mutant p53 involving the switch between lincRNA-p21 and DDB2 expressions. Molecular therapy. Nucleic acids, 25, 536.

Zierhut C, et al. (2019) The Cytoplasmic DNA Sensor cGAS Promotes Mitotic Cell Death. Cell, 178(2), 302.