

B-LCL-HROC46 Cells | 302068

Cell Line Information

Description	B-LCL-HROC46 is a B-cell lymphoma cell line derived from a 66-year-old female patient with B-cell lymphoma. It is characterized by the presence of EBV (Epstein-Barr Virus) and expresses markers such as CD19, CD20, and CD22. The cells are typically grown in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. B-LCL-HROC46 cells are known for their high proliferation rate and are used in various research applications, including drug screening and immunology studies.
Organism	Human
Tissue	Cell Culture
Disease	B-cell lymphoma
Synonyms	Bc HROC46

Cell Line Characteristics

Age	66 years
Gender	Female
Ethnicity	German
Morphology	Clonal cell line
Cell type	B-cell lymphoma
Growth properties	Adherent

Cell Line Identification

Citation	B-LCL-HROC46 (ATCC CCL-2068)
Biosafety level	2
NCBI_TaxID	9606

CellosaurusAccession CVCL_A7UP

Surface antigens	CD19
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Supplements 10% FBS 100% 100% 100% 100%

Freeze medium α MEM + 10% FBS + 10% DMSO

[illegible]

Flask Coating

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Freezing
Procedure

1. Harvest cells and resuspend in freezing medium (10⁶ cells/ml). 2. Aliquot into 1 ml cryovials. 3. Freeze at -80 °C for 24 hours. 4. Store at -150 °C to -196 °C.

Shipping
Conditions

Cells are shipped in dry ice at -78 °C.

Storage
Conditions

Cells are stored at -150 °C to -196 °C.

HLA A*01:01:01, B*07:02:01, C*07:01:01, DRB1*03:01:01, DQA1*01:02:01, DQB1*02:01:01, DPB1*01:01:01, E*01:01:01

Sterility

Cells are tested for sterility by PCR. No contamination was detected. Cells are free of mycoplasma.

HLA

A*: '01:01:01, '02:01:01
B*: '07:02:01, '08:01:01
C*: '07:01:01, '07:02:01
DRB1*: '03:01:01, '15:01:01
DQA1*: '01:02:01, '05:01:01
DQB1*: '02:01:01, '06:02:01
DPB1*: '01:01:01, '19:01:01
E: '01:01:01