

Product sheet

XXXXX B-LCL-HROC59 | 302073

XXXXX XXXXX

Description
B-LCL-HROC59 is a cell line derived from a patient with diffuse large B-cell lymphoma (DLBCL) infected with Epstein-Barr virus (EBV). The cells are maintained in the presence of cyclosporin A and interleukin-2 (IL-2) and are known to express EBV latent proteins, including EBV nuclear antigen 1 (EBNA1) and EBV nuclear antigen 2 (EBNA2).
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Organism Human

Tissue Lymph node

Disease Diffuse large B-cell lymphoma

Synonyms Bc HROC59, TiBcHROC59

XXXXXXXXXX

Age 76 years

Gender Male

Ethnicity Caucasian

Morphology Large cells, diffuse growth

Cell type B cell

Growth properties Diffuse growth

XXXXXXXXXX XXXXXXXXXXXXXXXX

Citation B-LCL-HROC59 (XXXXX XXXXXXXX Cytion 302073)

Biosafety level 2

NCBI_TaxID 9606

CellosaurusAccession CVCL_A7US

Product sheet

HEK293T-B-LCL-HROC59 | 302073

HEK293T B-LCL-HROC59-HEK293T

Surface antigens CD19

Viruses EBV

HEK293T

Culture Medium RPMI 1640, w: 2.0 mM $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements 10% FBS

Subculturing 1:5

Freeze medium RPMI 1640, w: 2.0 mM $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 2.0 g/L NaHCO_3 (Cytion 820700a), 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Centrifuge at 300 x g for 3 minutes.
3. Resuspend cells in 15 ml of culture medium.
4. Seed cells into a T25 flask at 70% confluency.
5. Incubate at 37°C in 5% CO_2 .
6. Harvest cells when they reach 80-90% confluency.
7. Wash cells with PBS.
8. Harvest cells by trypsinization.

Incubation Atmosphere 37°C, 5% CO_2

