

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) who is EBV negative. The cell line is maintained in the presence of cyclosporin A and IL-2. It is a T cell dependent B cell line.

B-LCL-HROC59 is a cell line that produces IgG antibodies. It is a T cell dependent B cell line. B-LCL-HROC59 is a cell line that is derived from a patient with diffuse large B-cell lymphoma (DLBCL) who is EBV negative.

Organism Human

Tissue Tissue Culture

Disease Lymphoma

Synonyms Bc HROC59, TiBcHROC59

XXXXXXXXXX

Age 76 years

Gender Male

Ethnicity Caucasian

Morphology Lymphoblastoid

Cell type B cell

Growth properties Adherent

XXXXXXXXXX XXXXXXXXXXXXXXXX

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

Biosafety level 2

NCBI_TaxID 9606

CellosaurusAccession CVCL_A7US

HEP-2B-LCL-HROC59 | 302073

HEP-2B-LCL-HROC59 - HROC59

Surface antigens CD19

Viruses EBV

HEP-2B

Culture Medium RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements 10% FBS

Subculturing 1:5

Freeze medium RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a) + 10% DMSO + 10% FBS

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath, then transfer to a pre-warmed medium.
 2. Centrifuge at 300 x g for 5 minutes, discard supernatant, and resuspend in fresh medium.
 3. Seed cells into a pre-warmed flask with fresh medium.
 4. Allow cells to attach for 24 hours before adding supplements.
 5. Check for cell attachment and viability after 24 hours.
 6. If cells do not attach, try coating the flask with poly-L-lysine.
 7. If cells do not attach, try using a different medium.
 8. If cells do not attach, try using a different cell line.

Incubation Atmosphere 37°C, 5% CO_2

Flask Coating Poly-L-lysine

