

B-LCL-HROC10 | 302143

General information

Description	B-LCL-HROC10 is a B cell lymphoma cell line derived from a patient with B cell lymphoma. It is characterized by the presence of EBV (Epstein-Barr virus) and is highly tumorigenic in immunodeficient mice. B-LCL-HROC10 cells are positive for B cell markers, including CD19, CD20, and CD22. They are also positive for B cell activation markers, including CD40, CD80, and CD86. B-LCL-HROC10 cells are highly tumorigenic in immunodeficient mice and are used for the study of B cell lymphoma. B-LCL-HROC10 cells are positive for B cell markers, including CD19, CD20, and CD22. They are also positive for B cell activation markers, including CD40, CD80, and CD86. B-LCL-HROC10 cells are highly tumorigenic in immunodeficient mice and are used for the study of B cell lymphoma.
Organism	Human
Tissue	B cell lymphoma
Disease	B cell lymphoma
Synonyms	Bc HROC10

Cell characteristics

Age	63 years
Gender	Female
Ethnicity	Chinese
Morphology	Large B cell lymphoma
Cell type	B cell
Growth properties	Highly tumorigenic

Cell line characteristics

Citation	B-LCL-HROC10 (Cytion 302143)
Biosafety level	2
NCBI_TaxID	9606

HEp-2-LCL-HROC10 | 302143

CellosaurusAccession CVCL_B4GP

HEp-2-LCL-HROC10

Surface antigens CD19

Viruses ~~Epstein-Barr virus~~ EBV

HEp-2

Culture Medium RPMI 1640, w: 2.0 mM ~~glutamine~~, w: 2.0 g/L NaHCO₃ (~~GlutaMAX~~ ~~GlutaMAX~~ ~~GlutaMAX~~ Cytion 820700a)

Supplements ~~GlutaMAX~~ 10% FBS ~~GlutaMAX~~

Subculturing ~~Cells are grown in 25 cm² flasks (Corning Costar) in the presence of 5% FBS. When cells reach confluence, they are trypsinized and seeded into new flasks.~~

Freeze medium ~~Cells are frozen in a mixture of 90% FBS and 10% DMSO. The mixture is added to the cells and the cells are frozen in liquid nitrogen.~~

Thawing and Culturing Cells

- ~~1. Cells are thawed in a water bath at 37°C. The cells are then centrifuged at 300 x g for 5 minutes.~~
- ~~2. The supernatant is removed and the cells are resuspended in fresh medium.~~
- ~~3. The cells are seeded into a new flask and allowed to attach.~~
- ~~4. The cells are grown in the presence of 5% FBS.~~
- ~~5. The cells are grown in the presence of 5% FBS.~~
- ~~6. The cells are grown in the presence of 5% FBS.~~
- ~~7. The cells are grown in the presence of 5% FBS.~~
- ~~8. The cells are grown in the presence of 5% FBS.~~

Incubation Atmosphere 37°C, 5% CO₂, ~~humidified~~

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Flask Coating XX XXX

Freezing Procedure XXXXX XXXX XXXXXXXX XXXXXXX XXX XXX XXXXXXX XXXXXXX XXXXXXXX XX XXXX XXXXXXX XX XXXX XXXXXXX XXX XXXXXXX XX XXXXXXXX XX -78°C

Shipping Conditions XXXXX XXXX XXXXXXXX XXXXXXX XXX XXX XXXXXXX XXXXXXX XXXXXXXX XX XXXX XXXXXXX XX XXXX XXXXXXX XXX XXXXXXX XX XXXXXXXX XX -78°C

Storage Conditions XXXXXXX XXXXX XXXX, XX XXXXX XX XXXXXXXXXX XXXXX XXXXXXX XXXX XX XXX XXXXXXXXXX XX -150 °C 196 XXXXX XXXXXXX. XXXXX XXXXX

XXXXX XXXXXXX XXXXXXXX XXXXXXXXXX

Sterility XXXXX XXXXXXXXXX XXXX XXXXXXX XXXXXXX XXXXXXXX PCR XXXXXXX XXXXX XXXXXXXXXX XXXXXXX XXXXXXXXXX.
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XXXXXX HLA **A***: '01:01:01, '24:02:01
 B*: 08:01:01, 27:05:02
 C*: '01:02:01, '07:01:01
 DRB1*: '01:01:01, '03:01:01
 DQA1*: '01:01:01, '05:01:01
 DQB1*: '02:01:01, '05:01:01
 DPB1*: '02:02:01, '04:01:01
 E: 01:01:01