

### B-LCL-HROC43 | 302067

#### Cell Line

**Description** B-LCL-HROC43 is a B cell lymphoma cell line derived from a 72-year-old female patient with B cell lymphoma. The cell line is characterized by the presence of EBV (Epstein-Barr Virus) and is positive for B cell markers such as CD19 and CD20. It is also positive for immunoglobulin genes (IgG, IgM, IgA).

**Organism** Human

**Tissue** Lymph node

**Disease** B cell lymphoma

**Synonyms** Bc HROC43

#### Cell Line Characteristics

**Age** 72 years

**Gender** Female

**Ethnicity** Caucasian

**Morphology** Lymphoblastoid

**Cell type** B cell

**Growth properties** Adherent

#### References

**Citation** B-LCL-HROC43 (ATCC CCL-253) Cytion 302067

**Biosafety level** 2

**NCBI\_TaxID** 9606

**HEK293T B-LCL-HROC43 | 302067**

**CellosaurusAccession** CVCL\_A7UN

**HEK293T B-LCL-HROC43**

**Surface antigens** CD19

**Viruses** EBV

**HEK293T**

**Culture Medium** RPMI 1640, w: 2.0 mM  $\text{CaCl}_2$ , w: 2.0 g/L  $\text{NaHCO}_3$  (Cytion 820700a)

**Supplements** 10% FBS

**Subculturing** 5

**Freeze medium** (FBS) + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw cells rapidly in a 37°C water bath.
2. Centrifuge cells 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 cells at 37°C in 5% CO<sub>2</sub>.
6. Harvest cells when they reach 80% confluency.
7. Seed cells into a T75 flask.
8. Harvest cells when they reach 80% confluency.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

