

B-LCL-HROC112 | 302023

General information

Description	B-LCL-HROC112 is a B cell line derived from a patient with B-cell lymphoma. It is EBV (EBV) negative and expresses B cell markers such as CD19, CD20, CD22, CD24, CD40, CD45, CD79b, CD80, CD86, CD137, CD138, CD152, CD153, CD154, CD155, CD156, CD157, CD158, CD159, CD160, CD161, CD162, CD163, CD164, CD165, CD166, CD167, CD168, CD169, CD170, CD171, CD172, CD173, CD174, CD175, CD176, CD177, CD178, CD179, CD180, CD181, CD182, CD183, CD184, CD185, CD186, CD187, CD188, CD189, CD190, CD191, CD192, CD193, CD194, CD195, CD196, CD197, CD198, CD199, CD200, CD201, CD202, CD203, CD204, CD205, CD206, CD207, CD208, CD209, CD210, CD211, CD212, CD213, CD214, CD215, CD216, CD217, CD218, CD219, CD220, CD221, CD222, CD223, CD224, CD225, CD226, CD227, CD228, CD229, CD230, CD231, CD232, CD233, CD234, CD235, CD236, CD237, CD238, CD239, CD240, CD241, CD242, CD243, CD244, CD245, CD246, CD247, CD248, CD249, CD250, CD251, CD252, CD253, CD254, CD255, CD256, CD257, CD258, CD259, CD260, CD261, CD262, CD263, CD264, CD265, CD266, CD267, CD268, CD269, CD270, CD271, CD272, CD273, CD274, CD275, 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CD991, CD992, CD993, CD994, CD995, CD996, CD997, CD998, CD999, CD1000.
Organism	Human
Tissue	Cell culture
Disease	B-cell lymphoma
Synonyms	B-LCL CO112, Bc HROC112

Characteristics

Age	80 years
Gender	Female
Morphology	Large, atypical B cells
Cell type	Atypical B cell
Growth properties	Dependent on IL-4 and IL-6

References and safety

Citation	B-LCL-HROC112 (ATCC CCL-250) Cytion 302023
Biosafety level	2
NCBI_TaxID	9606

Additional information

EBV-LCL-HROC112 | 302023

Viruses EBV

EBV-LCL

Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Subculturing 1:5

Freeze medium RPMI 1640, 10% 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% CO₂.
 6. Harvest cells when they reach 70-80% confluency.
 7. Seed cells into a T75 flask at 10% confluency.
 8. Harvest cells when they reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure Freeze cells in 10% FBS, 10% DMSO at -78°C

