

B-LCL-HROC313 (Bc HROC313) | 302058

General information

Description	B-LCL-HROC313 is a B cell line derived from a patient with B cell lymphoma (EBV) and is characterized by the presence of B cell markers such as CD19, CD20, CD22, CD24, CD40, CD45, CD79b, CD80, CD86, CD138, CD139, CD147, 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, 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CD833, CD834, CD835, CD836, CD837, CD838, CD839, CD840, CD841, CD842, CD843, CD844, CD845, CD846, CD847, CD848, CD849, CD850, CD851, CD852, CD853, CD854, CD855, CD856, CD857, CD858, CD859, CD860, CD861, CD862, CD863, CD864, CD865, CD866, CD867, CD868, CD869, CD870, CD871, CD872, CD873, CD874, CD875, CD876, CD877, CD878, CD879, CD880, CD881, CD882, CD883, CD884, CD885, CD886, CD887, CD888, CD889, CD890, CD891, CD892, CD893, CD894, CD895, CD896, CD897, CD898, CD899, CD900, CD901, CD902, CD903, CD904, CD905, CD906, CD907, CD908, CD909, CD910, CD911, CD912, CD913, CD914, CD915, CD916, CD917, CD918, CD919, CD920, CD921, CD922, CD923, CD924, CD925, CD926, CD927, CD928, CD929, CD930, CD931, CD932, CD933, CD934, CD935, CD936, CD937, CD938, CD939, CD940, CD941, CD942, CD943, CD944, CD945, CD946, CD947, CD948, CD949, CD950, CD951, CD952, CD953, CD954, CD955, CD956, CD957, CD958, CD959, CD960, CD961, CD962, CD963, CD964, CD965, CD966, CD967, CD968, CD969, CD970, CD971, CD972, CD973, CD974, CD975, CD976, CD977, CD978, CD979, CD980, CD981, CD982, CD983, CD984, CD985, CD986, CD987, CD988, CD989, CD990, CD991, CD992, CD993, CD994, CD995, CD996, CD997, CD998, CD999, CD1000.
Organism	Human
Tissue	Cell culture
Disease	B cell lymphoma
Synonyms	Bc HROC313

Cell characteristics

Age	72 years
Gender	Male
Ethnicity	White
Morphology	Large, atypical cells
Cell type	B cell
Growth properties	Adherent

References and safety

Citation	B-LCL-HROC313 (Cell Culture Collection Cytion 302058)
Biosafety level	2
NCBI_TaxID	9606

HEK293T B-LCL-HROC313 (Bc HROC313) | 302058

CellosaurusAccession CVCL_A8RL

HEK293T B-LCL-HROC313

Surface antigens CD19

Viruses EBV

HEK293T

Culture Medium RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L 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 5 minutes.
3. Resuspend cells in 15 ml of culture medium.
4. Seed cells into a T25 flask.
5. Incubate cells at 37°C in 5% CO₂.
6. Monitor cell growth and confluency.
7. Harvest cells when they reach 70-80% confluency.
8. Perform subculturing as described above.

Incubation Atmosphere 37°C, 5% CO₂

