

ARH-77 | 300306

General information

Description	ARH-77 is a human B cell line derived from a 33-year-old female patient with B-cell acute lymphoblastic leukemia (ALL). The cells are immortalized and express high levels of B-cell markers.
Organism	Human
Tissue	Blood
Disease	B-cell acute lymphoblastic leukemia (ALL)
Applications	Flow cytometry, Western blot, PCR, and other molecular biology techniques.
Synonyms	ARH 77, ARH77

Cell characteristics

Age	33 years
Gender	Female
Ethnicity	White
Morphology	Large, round cells with prominent nuclei.
Cell type	B cell
Growth properties	Exponential growth in suspension.

Cell line identification

Citation	ARH-77 (Cytion 300306)
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1072

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Cell line -

Antigen expression	CD11a +, CD19 +, CD20 +, CD28 +, CD38 -, CD49e, +CD3 -, CD10 -, CD13 -, CD19 +, CD20 +, CD34 -, CD37 +, CD71 +, cyCD79 +, CD80 +, CD138 -, HLA-DR +, sm/cylgG +, sm/cylgM -, sm/cykappa +, sm/cylambda -
Viruses	EBV + (), HBV -, HCV -, HIV-1 -, HIV-2 -, HTLV-1/2 -, MLV -, SMRV
Karyotype	8% - 46(44-48)2n>xx, +9, del(1)(q23), add(2)(q21), add(3)(p11), der(3)t(2,3; der(9)t(9,17)(q10,q10) - der(x)t(x,1)(q23,p32), del(16)(p13.2) der(3) -der(9)hsr - -

Cell line

Culture Medium	RPMI 1640, w: 2.0 mM , w: 2.0 g/L NaHCO3 (Cytion 820700a)
Supplements	10% FBS
Subculturing	5
Freeze medium	(FBS) + 10% DMSO
Thawing and Culturing Cells	1. 2. -150°C 3. 37 4. 70% 5. 15 8 6. 300 x g 3 7. 10 8.

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Incubation Atmosphere 37°C, 5% CO₂,

Flask Coating

Freezing Procedure

Shipping Conditions                             

Storage Conditions XXXXXXXX XXXXXXXX XXXXX, XX XXXXXXX XX XXXXXXXXXXXXXXX XXXXXXX XXXXXXX XXXXX XX XXXX XXXXXXXXXXXXXXX XX 0-150 XX 196 XXXXXXX XXXXXXXXXX XXXXXXX XXXXXXX

Sterility

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