

Product sheet

ARH-77 | 300306

Description

ARH-77 33 ARH-77 B B

Organism

Tissue

Disease

Applications

, ,

Synonyms

ARH 77, ARH77

Age

33

Gender

Ethnicity

Morphology

Cell type

B

Growth properties

Citation

ARH-77 Cytion 300306

Biosafety level

2

NCBI_TaxID

9606

CellosaurusAccession

CVCL_1072

ARH-77 | **300306**

Antigen expression CD11a+ CD19+ CD20+ CD28+ CD38- CD49e+CD3- CD10- CD13- CD19+ CD20+ CD34- CD37+ CD71+ cyCD79+ C
+ CD138- HLA-DR+ sm/cylgG+ sm/cylgM- sm/cykappa+ sm/cylambda-

Viruses	EBV +	HBV -	HCV -	HIV-1 -	HIV-2 -	HTLV-1/2 -	MLV -	SMRV
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Karyotype 8%--46(44-48)2n>xx, +9, del(1)(q23), add(2)(q21), add(3)(p11) der(3)t(2,3)(q23,q26) del(6)(p21) der(9)t(9,17)(q10,q10) - der(x)t(x,1)(q23,p32) del(16)(p13.2) der(3) der(9)hsr -- IGH

Culture Medium	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO3	Cytion	820700a
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Supplements	10%	FBS
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Subculturing ⁵ / 1×10

Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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graph TD
    1[1. Thaw cells in water bath at 37°C] --> 2[2. Centrifuge at 300 x g for 3 min]
    2 --> 3[3. Wash cells with PBS]
    3 --> 4[4. Resuspend cells in 70% FBS / 30% PBS]
    4 --> 5[5. Seed cells into T25 flasks]
    5 --> 6[6. Incubate at 37°C in 5% CO2]
    6 --> 7[7. Monitor cell growth and passage when confluent]
    7 --> 8[8. Repeat process for subsequent passages]
  
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Thawing and Culturing Cells

1. Thaw cells in water bath at 37°C
2. Centrifuge at 300 x g for 3 min
3. Wash cells with PBS
4. Resuspend cells in 70% FBS / 30% PBS
5. Seed cells into T25 flasks
6. Incubate at 37°C in 5% CO₂
7. Monitor cell growth and passage when confluent
8. Repeat process for subsequent passages

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Incubation Atmosphere 37°C, 5% CO₂,

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions	-150	-196	-80 °C
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Sterility PCR