

Product sheet

SW-684 | 300422

General Information

Description	SW 684 A. Leibovitz 1974 Scott and White, ,
Organism	
Tissue	
Disease	
Synonyms	SW684, SW 684

Subject Information

Age	68
Gender	
Ethnicity	
Morphology	
Growth properties	

Identification

Citation	SW-684 (Cytion 300422)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1726

Enzymes and Tumorigenicity

Isoenzymes	G6PD, B, PGM1, 1-2, PGM3, 1, AK-1, 1-2, GLO-1, 2, 0.0055
Tumorigenic	

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Karyotype 46,XY,t(8p21q?)=73,del(8p21q?)=59,der(8)t(8p21q?)=79. 9.1% 11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100

Cell Line

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO3, w: 1.0 mM sodium pyruvate (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing 1:2 to 1:10 in DMEM + 10% FBS, T25, 3-5 flasks, 3-5 days

Fluid renewal 2-3 times per week

Freeze medium DMEM + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath, transfer to a 15 ml falcon tube, add 10 ml DMEM + 10% FBS, centrifuge at 300 x g for 3 min, resuspend in 10 ml DMEM + 10% FBS, seed into T25 flask.
 2. Incubate at 37°C, 5% CO2, until cells reach 70% confluency.
 3. Perform a 1:2 split into two T25 flasks.
 4. Once cells reach 70% confluency, perform a 1:10 split into 10 T25 flasks.
 5. Seed 15 million cells into 8 T25 flasks.
 6. Seed 300 x 10^6 cells into 3 T25 flasks.
 7. Seed 10 million cells into 10 T25 flasks.
 8. Seed 10 million cells into 10 T25 flasks.

Incubation Atmosphere 37°C, 5% CO2

