

Product sheet

WiDr | 300377

General Information

Description	Chen TR, 1987, WiDr HT-29. 3
Organism	
Tissue	
Disease	
Synonyms	WiDR, WIDR, WiDr/S, WiDr-TC, WiDrTC, LED-WiDr, Led-WiDr

Cellular Characteristics

Age	44
Gender	
Morphology	
Growth properties	

Identification

Citation	WiDr (Cytion 300377)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_2760

Receptor and Protein Expression

Receptors expressed	(EGF)
Protein expression	CEA

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Antigen expression HLA A24, A32, B15, B18

Isoenzymes PGM1, 1-2, PGM3, 1-2, G6PD, B, ES-D, 1, PEP-D, 1, 6PGD, A

Tumorigenic No, non-tumorigenic

Products CEA (CEA) 118 ng/10⁶ cells/10⁶ cells, CSAp, CEA (CEA) 118 ng/10⁶ cells/10⁶ cells, CEA (CEA) 118 ng/10⁶ cells/10⁶ cells

Media

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L D-glucose, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM sodium pyruvate, w: 1.2 g/L NaHCO₃ 820400a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are cultured in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. For subculturing, cells are seeded into T25 flasks in DMEM:Ham's F12 (1:1) supplemented with 3-5% FBS. Cells are passaged every 3-5 days.

Seeding density 1 x 10⁴ cells/cm²

Fluid renewal 1 x 2 days

Post-Thaw Recovery Cells are seeded into T25 flasks in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are passaged every 24 hours.

Freeze medium DMEM:Ham's F12 (1:1) supplemented with 10% FBS + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed medium. Incubate at 37°C with 5% CO₂ until the cells reach 70-80% confluency.
3. Harvest the cells by trypsinization. Seed the cells into a pre-warmed medium. Incubate at 37°C with 5% CO₂ until the cells reach 70-80% confluency.
4. Harvest the cells by trypsinization. Seed the cells into a pre-warmed medium. Incubate at 37°C with 5% CO₂ until the cells reach 70-80% confluency.
5. Harvest the cells by trypsinization. Seed the cells into a pre-warmed medium. Incubate at 37°C with 5% CO₂ until the cells reach 70-80% confluency.
6. Harvest the cells by trypsinization. Seed the cells into a pre-warmed medium. Incubate at 37°C with 5% CO₂ until the cells reach 70-80% confluency.
7. Harvest the cells by trypsinization. Seed the cells into a pre-warmed medium. Incubate at 37°C with 5% CO₂ until the cells reach 70-80% confluency.
8. Harvest the cells by trypsinization. Seed the cells into a pre-warmed medium. Incubate at 37°C with 5% CO₂ until the cells reach 70-80% confluency.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

None

Freezing Procedure

Resuspend cells in freezing medium. Freeze cells in a controlled rate freezer at -1°C/min to -78°C.

Shipping Conditions

Store cells at -78°C. Ship cells in a dry ice container.

Storage Conditions

Store cells at -150°C for up to 196 weeks.

Genotype / HLA

Sterility

Cells are tested for mycoplasma contamination. PCR testing is performed. Cells are free of mycoplasma contamination.

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██████ HLA

A*: '01:01:01, '24:03:01

B*: '35:01:01, '44:03:01

C*: 04:01:01

DRB1*: 04:02:01, 07:01:01

DQA1*: '02:01:01, '03:01:01

DQB1*: '02:02:01, '03:02:01

DPB1*: 04:01:01

E: '01:01:01, '01:03:01