

LS180 | 305823

Description	LS180						20 40µm
	LS180	CEA	HT-29	900	CEA	CEA 30	
	LS180 Cancer Cell Line Encyclopedia (CCLE)						

Organism

Tissue

Disease

Synonyms LS-180, LS 180, 180

Age 58

Gender

Ethnicity

Cell type

Growth properties

Citation LS180 Cytion 305823

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0397

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Antigen expression	3	HLA A2 B13 B50	O
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Isoenzymes ADA 1ES-D 1G6PD B PEP-D 1PGD APM1 1PGM3 2

Tumorigenic	
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Mutational profile ACVR2A (c.35G>A) p.Lys437Argfs*5 (c.1310delA) PIK3CA p.His1047Arg (c.3140A>G) CTNNB1 p.Ser45Phe (c.134C>T) TGFB2 p.Lys128Serfs*35 (c.383delA) KRAS p.Gly12Asp

Karyotype	45	42	47
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Culture Medium	EMEM MEM Eagle	w 2 mM L-	w 2.2 g/L NaHCO3	w EBSS Cytion	820100a
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Supplements 10% FBS

Dissociation Reagent	
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Doubling time 72

Freeze medium	FBS	10	DMSO	CM-1
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Thawing and Culturing Cells

- 1.
2. -150 3
3. 37 40 60
4. 70
5. 8ml 15ml
6. 300 x g 3
7. 10ml 2 T25 1
- 8.

Incubation Atmosphere 37 5% CO₂

Shipping Conditions -78

Storage Conditions -150 -196 80

HLA

Sterility PCR