

LS180 | 305823

Description	LS180							20	40 µm
	HT-29	LS180	CEA		CEA	900	CEA	30	LS180
	LS180	(CCLE)					LS180		MSI

Organism

Tissue	
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Disease

Synonyms	LS-180	LS 180	180
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Age	58
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Gender

Ethnicity	
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Cell type

Growth properties	
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Citation	LS180 Cytion	305823
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Biosafety level 1

NCBI_TaxID	9606
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CellosaurusAccession CVCL_0397

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Antigen expression	3	HLA A2 B13 B50 O
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Isoenzymes	ADA 1 ES-D 1 G6PD B PEP-D 1 PGD A PGM1 1 PGM3 2
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Tumorigenic	
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Mutational profile	ACVR2A (c.35G>A)	p.Lys437Argfs*5 (c.1310delA)	PIK3CA	p.His1047Arg (c.3140A>G)	CTNNB1	TGFBR2	p.Ser45Phe (c.134C>T)	p.Lys128Serfs*35 (c.383delA)	KRAS	p.Gly12Asp TP53
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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
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Dissociation Reagent	Accutase
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Doubling time	72
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Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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**Thawing and
Culturing Cells**

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

**Incubation
Atmosphere**

37°C, 5% CO₂

**Shipping
Conditions**

-78 °C

**Storage
Conditions**

-150 -196 ❏ -80 °C

/ /HLA

Sterility

PCR