

Product sheet

LS180 | 305823

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

Organism

Tissue

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

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

Tumorigenic

Mutational profile ACVR2A (c.35G>A) p.Lys437Argfs*5 (c.1310delA) PIK3CA p.His1047Arg (c.3140A>G) CTNNB1 p.Ser45Phe (c.134C>T) TGFBR2 p.Lys128Serfs*35 (c.383delA) KRAS p.Gly12Asp TP53

Karyotype = 45 = 42 47

Culture Medium EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO₃ w EBSS Cytion 820100a

Supplements 10% FBS

Dissociation Reagent Accutase

Doubling time 72

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

Flask Coating

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 °C -80 °C

Sterility

PCR