

LS180 | 305823

Description	LS180							
	LS180	900	CEA	HT-29	30	CEA		CEA
	LS180					(CCLE)		. LS180

Organism

Tissue

Disease

Synonyms	LS-180, LS 180, 180
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Age	58
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Gender

Ethnicity

Cell type

Growth properties

Citation	LS180(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 Mutation: : ACVR2A, , p.Lys437Argfs*5 (c.1310delA), , CTNNB1, , p.Ser45Phe (c.134C>T), , KRAS, , p (c.35G>A), , PIK3CA, , p.His1047Arg(c.3140A>G), , TGFB2, , p.Lys128Serfs*35(c.383delA), ; ,

Karyotype = 45, = 42 ~ 47.

Culture Medium EMEM(MEM), w: 2mM L- , w: 2.2g/L NaHCO3, w: EBSS(820100a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 72

Freeze medium (FBS) + 10% DMSO , 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. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation Atmosphere 37°C, 5% CO₂ .

Shipping Conditions -78°C .

Storage Conditions -150°C -196°C . 80°C .

/ / HLA

Sterility PCR .