

LS180 | 305823

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|--------------------|--|-----|-------|-----|-----|--------|---------|
| 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 |
|---------------------------|---|----------------|---|

Isoenzymes ADA 1ES-D 1G6PD B PEP-D 1PGD APM1 1PGM3 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) TGFR2 p.Lys128Serfs*35 (c.383delA) KRAS p.Gly12Asp

| | | | |
|------------------|----|----|----|
| 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 | |
|-----------------------------|--|

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

Flask Coating

Shipping Conditions -78

Storage Conditions -150 -196 80

HLA

Sterility PCR