

KYSE180 | 305450

General information

Description	KYSE180 (ESCC) KYSE180 ESCC KYSE180 (AKR) AKR
Organism	
Tissue	
Disease	
Synonyms	KYSE 180, KYSE-180, Kyse180, KY180

Characteristics

Age	53
Gender	
Ethnicity	
Morphology	
Growth properties	

Identification

Citation	KYSE180 (Cytion 305450)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1349

Additional information

Product sheet

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MSI-status MSS

Mutational profile TP53, p.Ile195Thr (c.584T>C),

Culture Medium RPMI 1640, w: 2.0 mM , w: 2.0 / NaHCO3 (Cytion 820700a)

Supplements FBS 10%

Dissociation Reagent

Subculturing PBS T25

Seeding density 2-4 × 10⁴/cm²

Fluid renewal 2

Freeze medium (FBS) + 10% DMSO

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**Thawing and
Culturing Cells**

1. Thaw cells quickly in a water bath at 37°C.
2. Add cells to a cryovial and store at -150 °C or lower.
3. Thaw cells quickly in a water bath at 37°C.
4. Centrifuge cells at 300 x g for 3 minutes.
5. Remove supernatant and resuspend cells in 15 µl of medium.
6. Seed cells into a well and add 3 µl of medium.
7. Incubate cells for 10 days.
8. Harvest cells.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

**Shipping
Conditions**

Store at -150 °C or lower.

**Storage
Conditions**

Store at -150 °C or lower.

Sterility

PCR negative. No contamination detected.