

HC11 | 305050

General information

Description	HC11, a murine embryonic stem (ES) cell line derived from a BALB/c mouse embryo. The cells are maintained in a feeder layer of 3T3 cells and are characterized by their ability to form teratomas. The cells are typically grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10% horse serum (HS). The cells are typically grown in 25 cm ² flasks and are passaged every 2-3 weeks. The cells are typically grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10% horse serum (HS). The cells are typically grown in 25 cm ² flasks and are passaged every 2-3 weeks.
Organism	Murine
Tissue	Embryonic
Synonyms	HC-11, HC11, HC11, HC11

Characteristics

Breed/Subspecies	BALB/c
Age	1-2 weeks
Gender	Male
Morphology	Embryonic
Growth properties	Embryonic

Identification and documentation

Citation	HC11 (Cytion 305050)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_0288

Additional information

Notes

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Culture Medium

RPMI 1640, w: 2.0 mM NaCl , w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements

10% FBS

Dissociation Reagent

Doubling time

50 - 80

Subculturing

Cells are grown in flasks. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is replaced with fresh medium. Cells are grown in T25, 3-5 flasks, 3 flasks.

Fluid renewal

2 - 3

Freeze medium

Cells are grown in flasks. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is replaced with fresh medium. Cells are grown in T25, 3-5 flasks, 3 flasks.

Thawing and Culturing Cells

1. Cells are grown in flasks. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is replaced with fresh medium. Cells are grown in T25, 3-5 flasks, 3 flasks.
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Incubation Atmosphere

37°C, 5% CO_2 , humidified

Flask Coating

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Freezing
Procedure

Das Produkt sollte bei -78°C gefroren werden.

Shipping
Conditions

Das Produkt sollte bei -78°C transportiert werden.

Storage
Conditions

Das Produkt sollte bei -150 bis -196°C gelagert werden.

Das Produkt ist steril und frei von Mykoplasmata.

Sterility

Das Produkt ist steril und frei von Mykoplasmata. PCR-Testung bestätigt die Sterilität.
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