

MC3T3-E1 | 305187

<b>Description</b>	MC3T3-E1	MC3T3-E1	MC3T3-E1	MC3T3-E1
	MC3T3-E1			MC3T3-E1

**Organism**

<b>Tissue</b>
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**Applications**

<b>Synonyms</b>	Mc3T3-E1, MC3T3E1, MC-3T3-E1, MC 3T3-E1
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<b>Breed/Subspecies</b>	C57BL/6
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**Age** 1

<b>Gender</b>
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**Morphology**

<b>Cell type</b>
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**Growth properties**

<b>Citation</b>	MC3T3-E1 Cytion 305187
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**Biosafety level** 1

<b>NCBI_TaxID</b>	10090
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**CellosaurusAccession** CVCL\_0409

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**Tumorigenic**

**Products**

**Culture Medium**      α-MEM w 2.0 mM      w      w      w 1.0 mM      w 2.2g/L NaHCO3 w/o      GIBCO      A1049001

**Supplements**      10% FBS

**Dissociation Reagent**      Accutase

**Doubling time**      24 48

**Subculturing**           PBS      T25      3-5      PBS T75      5-10      Accutase      T25      1-2      T75      2.5

**Fluid renewal**      2 3

**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% CO<sub>2</sub>

**Flask Coating**

**Freezing  
Procedure**

-78 °C

**Shipping  
Conditions**

-78 °C

**Storage  
Conditions**

-150 -196 -80 °C

/ /HLA

**Sterility**

PCR