

Product sheet

EMT6 | 305159

EMT6

Description EMT6 is a mouse mammary epithelial cell line, established from a BALB/c mouse. It is a highly proliferative, anchorage-dependent cell line that is widely used in research on mammary cancer and epithelial cell biology. EMT6 cells are characterized by their ability to form mammary-like structures in vivo and their sensitivity to anti-HER2/neu therapy.

Organism Mouse

Tissue Mammary gland

Disease Mammary adenocarcinoma

Synonyms EMT-6, EMT6-6

Characteristics

Breed/Subspecies BALB/cCRGL

Gender Male

Morphology Epithelial

Growth properties Adherent

References

Citation EMT6 (ATCC CCL-222) | Cytion 305159

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_1923

Additional information

Notes

Product sheet

EMT6 | 305159

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L β -MEM, w: 2.5 mM L-Asparagine, w: 15 mM HEPES, w: 0.5 mM β -mercaptoethanol, w: 1.2 g/L NaHCO₃ 820400a)

Supplements β -MEM 10% FBS

Dissociation Reagent β -MEM

Subculturing Cells are cultured in β -MEM supplemented with 10% FBS. For subculturing, cells are trypsinized with 2.5 mg/ml trypsin and 2.5 mg/ml EDTA in β -MEM for 5-10 min at 37°C. Cells are then washed with β -MEM and resuspended in β -MEM supplemented with 10% FBS.

Fluid renewal 2-3 times per week

Freeze medium β -MEM supplemented with 10% FBS, 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Wash cells in β -MEM.
 3. Resuspend cells in β -MEM supplemented with 10% FBS.
 4. Seed cells into a well of a 96-well plate.
 5. Incubate cells for 15-20 min.
 6. Wash cells in β -MEM.
 7. Resuspend cells in β -MEM supplemented with 10% FBS.
 8. Seed cells into a well of a 96-well plate.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating β -MEM

