

## MFC | 300652

**Description** (MFC)  
MFC 24.7 32.9% 62%

**Organism**

**Tissue**

**Disease**

**Applications**

**Synonyms**

**Growth properties**

**Citation** MFC (300652)

**NCBI\_TaxID** 10090

**CellosaurusAccession** CVCL\_5J48

**Culture Medium** RPMI 1640 2.0 2.0 NaHCO3 (820700a)

**Supplements** 10% FBS

**Dissociation Reagent**

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## Subculturing

Remove cells from the flask and wash with PBS. Add 10 ml of trypsin solution and incubate at 37°C for 5 minutes. Add 10 ml of serum-containing medium to stop the trypsin. Harvest cells by centrifugation at 300 x g for 5 minutes. Resuspend cells in serum-containing medium.

## Freeze medium

Resuspend cells in serum-containing medium (10% FBS) + 10% DMSO. Transfer to a cryovial and freeze at -150°C.

## Thawing and Culturing Cells

1. Thaw cells rapidly in a water bath at 37°C. Transfer to a centrifuge tube and centrifuge at 300 x g for 5 minutes. Remove the supernatant and resuspend cells in serum-containing medium.
2. Seed cells into a flask pre-coated with poly-L-lysine. Incubate at 37°C in 5% CO<sub>2</sub>.
3. After 24 hours, change the medium to serum-containing medium. Incubate at 37°C in 5% CO<sub>2</sub>.
4. After 48 hours, change the medium to serum-containing medium. Incubate at 37°C in 5% CO<sub>2</sub>.
5. After 72 hours, change the medium to serum-containing medium. Incubate at 37°C in 5% CO<sub>2</sub>.
6. After 96 hours, change the medium to serum-containing medium. Incubate at 37°C in 5% CO<sub>2</sub>.
7. After 120 hours, change the medium to serum-containing medium. Incubate at 37°C in 5% CO<sub>2</sub>.
8. After 144 hours, change the medium to serum-containing medium. Incubate at 37°C in 5% CO<sub>2</sub>.

## Incubation Atmosphere

37°C, 5% CO<sub>2</sub>

## Flask Coating

Flasks should be coated with poly-L-lysine.

## Freezing Procedure

Resuspend cells in serum-containing medium (10% FBS) + 10% DMSO. Transfer to a cryovial and freeze at -150°C.

## Shipping Conditions

Cells should be shipped on dry ice at -150°C to -196°C.

## Storage Conditions

Cells should be stored at -150°C to -196°C.

/ / HLA

