

Product sheet

MB49-Luc | 305681

Description	MB49-Luc	MB49			MB49	C57BL/6	7,12-	[a]
	MB49-Luc		C57BL/6			BLI		
	MB49-Luc	MB49		C57BL/6	Y			

Organism

Tissue

Disease

Synonyms	MB49-	MB49 LucSH+
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Age

Gender

Ethnicity	C57BL/6
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Morphology

Growth properties

Citation	MB49-Luc Cytion 305681
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Biosafety level 1

NCBI_TaxID	10090
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CellosaurusAccession CVCL_E8D4

GMO Status	GMO-S1	Luc2	1–5 µg/mL
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**Protein
expression****Antigen
expression**

Luc2

Karyotype

Y

**Culture
Medium**

DMEM

4.5 g/L

4 mM L-

3.7 g/L NaHCO₃ 1.0 mM

Cytion

820300a

Supplements

10%

FBS

**Dissociation
Reagent**

Accutase

10

Doubling time

24 48

Subculturing

PBS

T25

3-5

PBS T75

5-10

Accutase

T25

1-2

T75

Split ratio

1 3

**Seeding
density**1 $3 \times 10^4 / \text{cm}^2$ **Fluid renewal**

2 3

**Freeze
medium**

10%

DMSO

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Thawing and
Culturing Cells

- | | | | | |
|----|---------|--------|-------|---|
| 1. | | | | |
| 2. | | -150°C | | 3 |
| 3. | | 37°C | 40-60 | |
| 4. | | | 70% | |
| 5. | | 8 | 15 | |
| 6. | 200 x g | 5 | | |
| 7. | | | | |

Incubation
Atmosphere

37°C 5% CO₂

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 °C

-80 °C