

Product sheet

4T1-Luc | 305663

4T1-Luc

Description 4T1-Luc is a luciferase-expressing cell line derived from BALB/c mice. It is a mammary epithelial cell line that expresses luciferase under the control of the rat mammary-specific promoter. This cell line is used for studying mammary cancer and for imaging in vivo. It is characterized by its ability to form mammary tumors in BALB/c mice. The cell line is maintained in DMEM/F12 medium supplemented with insulin, transferrin, selenium, and prolactin. It is a clonal cell line derived from a single cell.

Organism Mice

Tissue Mammary gland

Disease Mammary cancer

Characteristics

Breed/Subspecies BALB/cfC3H

Gender Male

Morphology Epithelial

Growth properties Adherent

References

Citation 4T1-Luc (ATCC CRL-2539) Cytion 305663

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_J239

Antigen expression

Antigen expression Negative

