

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

MLTC-1

RRID:CVCL_3544

Type: Cell Line

Proper Citation

ATCC Cat# CRL-2065, RRID:CVCL_3544

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3544

Proper Citation: ATCC Cat# CRL-2065, RRID:CVCL_3544

Description: Cell line MLTC-1 is a Cancer cell line with a species of origin Mus musculus (Mouse)

Sex: Male

Disease: Mouse Leydig cell tumor

Defining Citation: [PMID:6288740](#), [PMID:15541572](#), [PMID:31220119](#)

Category: Cancer cell line

Organism: Mus musculus (Mouse)

Name: MLTC-1

Synonyms: mLTC-1, Murine Leydig Tumor Cell line-1

Cross References: CLO:CLO_0007750, ATCC:CRL-2065, BioSample:SAMN11397640, CCRID:3101MOUTCM8, CLS:305175, Wikidata:Q54905985

ID: CVCL_3544

Vendor: ATCC

Catalog Number: CRL-2065

Record Creation Time: 20220427T220812+0000

Record Last Update: 20260829T234639+0000

Ratings and Alerts

No rating or validation information has been found for MLTC-1.

No alerts have been found for MLTC-1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Shen WJ, et al. (2025) Ablation of Steroidogenic Superoxide Dismutase 2 Increases Oxidative Stress and Diminishes Steroid Hormone Production. *Endocrinology*, 166(9).

Guo H, et al. (2023) Casein Kinase 1 γ Regulates Testosterone Synthesis and Testis Development in Adult Mice. *Endocrinology*, 164(5).

Hébert-Mercier PO, et al. (2022) Growth Hormone-induced STAT5B Regulates Star Gene Expression Through a Cooperation With cJUN in Mouse MA-10 Leydig Cells. *Endocrinology*, 163(2).

Munier M, et al. (2021) In vitro effects of the endocrine disruptor p,p'DDT on human choriogonadotropin/luteinizing hormone receptor signalling. *Archives of toxicology*, 95(5), 1671.

Lu M, et al. (2019) CREBZF regulates testosterone production in mouse Leydig cells. *Journal of cellular physiology*, 234(12), 22819.