

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

THP-1 AP1-Luc2

RRID:CVCL_A4CA

Type: Cell Line

Proper Citation

RRID:CVCL_A4CA

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_A4CA

Proper Citation: RRID:CVCL_A4CA

Description: Cell line THP-1 AP1-Luc2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Childhood acute monocytic leukemia

Comments: Characteristics: Stably expresses firefly luciferase under the control of the AP-1 promoter (ATCC=TIB-202-AP1-LUC2)., Population: Japanese.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: THP-1 AP1-Luc2

Cross References: ATCC:TIB-202-AP1-LUC2, cancercellines:CVCL_A4CA, Wikidata:Q105511185

ID: CVCL_A4CA

Hierarchy: cvcl_0006

Record Creation Time: 20220427T221625+0000

Record Last Update: 20260830T000108+0000

Ratings and Alerts

No rating or validation information has been found for THP-1 AP1-Luc2.

No alerts have been found for THP-1 AP1-Luc2.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Chaubey GK, et al. (2026) Chronic hyperglycemia induces macrophage iron accumulation and promotes Mycobacterium tuberculosis virulence. iScience, 29(6), 116156.

Huang Y, et al. (2026) ALDH3A2-mediated fatty acid synthesis induces ferroptosis and AML drug resistance. iScience, 29(6), 116202.

Xu Y, et al. (2026) Comprehensive single-cell metabolic profiling identifies targets to sensitize triple-negative breast cancer to chemo-immunotherapy. Cell reports. Medicine, 7(3), 102659.

Ning Y, et al. (2026) Ultra short waves alleviate ulcerative colitis via TRPV2 mediated-macrophage polarization. iScience, 29(6), 115929.

Chen R, et al. (2026) FURIN induces vascular endothelial cell death and efferocytosis through enzymatic cleavage of thrombospondin-1. The Journal of physiology, 604(14), 5874.

Tang R, et al. (2026) Mapping cell type-resolved transcriptomic profiles to patient survival in pancreatic cancer. Cancer cell.

Sylvain A, et al. (2025) A cereblon-based glue degrader of NEK7 regulates NLRP3 inflammasome in a context-dependent manner. Cell chemical biology, 32(7), 955.

Gsell L, et al. (2025) Multi-cellular phenotypic dynamics during the progression of an immunocompetent breast cancer model. iScience, 28(11), 113808.

Thomas JM, et al. (2025) Apolipoprotein C3 Promotes Angiogenesis in an Inflammatory Mouse Model of Peripheral Artery Disease. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(18), e71058.

Maserumule C, et al. (2025) Phagosomal RNA sensing through TLR8 controls susceptibility to tuberculosis. Cell reports, 44(5), 115657.

Cury J, et al. (2024) Conservation of antiviral systems across domains of life reveals immune genes in humans. Cell host & microbe, 32(9), 1594.