

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

J774.1

RRID:CVCL_4770

Type: Cell Line

Proper Citation

JCRB Cat# JCRB0018, RRID:CVCL_4770

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4770

Proper Citation: JCRB Cat# JCRB0018, RRID:CVCL_4770

Description: Cell line J774.1 is a Cancer cell line with a species of origin *Mus musculus* (Mouse)

Sex: Female

Disease: Mouse reticulum cell sarcoma

Defining Citation: [PMID:3622537](#), [PMID:3967303](#)

Category: Cancer cell line

Organism: *Mus musculus* (Mouse)

Name: J774.1

Synonyms: J-774.1, J774-1

Cross References: BTO:BTO_0003042, CLO:CLO_0050192, CLO:CLO_0050193, ChEMBL-Cells:ChEMBL4295470, ChEMBL-Targets:ChEMBL4296442, JCRB:JCRB0018, PubChem_Cell_line:CVCL_4770, RCB:RCB0434, RCB:RCB2652, TKG:TKG 0208, Wikidata:Q54898485

ID: CVCL_4770

Vendor: JCRB

Catalog Number: JCRB0018

Hierarchy: cvcl_4692

Record Creation Time: 20220427T220644+0000

Record Last Update: 20260904T014434+0000

Ratings and Alerts

No rating or validation information has been found for J774.1.

No alerts have been found for J774.1.

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](#) .

Ibrahim AA, et al. (2026) Inflammatory macrophage-derived plasminogen activator inhibitor-1 exacerbates inflammation through efferocytosis inhibition. Cell death discovery, 12(1).

Fujikawa M, et al. (2026) Oxygen-stable streptolysin O variant enables mitochondrial ATP synthesis analysis in minimal cells blood and tissues. iScience, 29(8), 116788.

Strickland BA, et al. (2025) C-terminal binding protein 2 interacts with JUNB to control macrophage inflammation. Life science alliance, 8(8).

Okano F, et al. (2023) Identification of Membrane-expressed CAPRIN-1 as a Novel and Universal Cancer Target, and Generation of a Therapeutic Anti-CAPRIN-1 Antibody TRK-950. Cancer research communications, 3(4), 640.

Vermeulen Z, et al. (2017) Inhibitory actions of the NRG-1/ErbB4 pathway in macrophages during tissue fibrosis in the heart, skin, and lung. American journal of physiology. Heart and circulatory physiology, 313(5), H934.