Resource Summary Report

Generated by dkNET on Aug 21, 2026

RAW 264

RRID:CVCL_4478
Type: Cell Line

Proper Citation

RCB Cat# RCB0535, RRID:CVCL_4478

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4478

Proper Citation: RCB Cat# RCB0535, RRID:CVCL_4478

Description: Cell line RAW 264 is a Cancer cell line with a species of origin Mus musculus (Mouse)

Sex: Male

Disease: Mouse leukemia

Defining Citation: PMID:212198

Category: Cancer cell line

Organism: Mus musculus (Mouse)

Name: RAW 264

Synonyms: RAW264

Cross References: CLO:CLO_0008752, CLDB:cl4108, ECACC:85062803, RCB:RCB0535, Wikidata:Q28335587

ID: CVCL_4478

Vendor: RCB

Catalog Number: RCB0535

Record Creation Time: 20220427T221451+0000

Record Last Update: 20260815T235617+0000

Ratings and Alerts

No rating or validation information has been found for RAW 264.

No alerts have been found for RAW 264.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 169 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Tsuruta A, et al. (2026) The circadian clock component BMAL1 enhances macrophage inflammation by nuclear translocation of peroxisomal ??-oxidation enzyme MFP2. Cell reports, 45(6), 117480.

Sawada Y, et al. (2025) CTHRC1 promotes bone metastasis in prostate cancer. International journal of cancer.

Murata T, et al. (2023) Rapid Virucidal Activity of Japanese Saxifraga Species-Derived Condensed Tannins against SARS-CoV-2, Influenza A Virus, and Human Norovirus Surrogate Viruses. Applied and environmental microbiology, 89(6), e0023723.

Nakamura Y, et al. (2023) Alpha 7 nicotinic acetylcholine receptors signaling boosts cell-cell interactions in macrophages effecting anti-inflammatory and organ protection. Communications biology, 6(1), 666.

Saito M, et al. (2023) Coproduction of lipids and carotenoids by the novel green alga Coelastrella sp. depending on cultivation conditions. Biotechnology reports (Amsterdam, Netherlands), 37, e00769.

Fukuta T, et al. (2023) One-Step Pharmaceutical Preparation of PEG-Modified Exosomes Encapsulating Anti-Cancer Drugs by a High-Pressure Homogenization Technique. Pharmaceuticals (Basel, Switzerland), 16(1).

Akita Y, et al. (2023) Ameliorating Role of Hydrogen-Rich Water Against NSAID-Induced Enteropathy via Reduction of ROS and Production of Short-Chain Fatty Acids. Digestive diseases and sciences, 68(5), 1824.

Kato C, et al. (2023) Effects of Particle Size of Curcumin Solid Dispersions on Bioavailability and Anti-Inflammatory Activities. Antioxidants (Basel, Switzerland), 12(3).

Takahashi S, et al. (2023) Botryococcus terribilis Ethanol Extract Exerts Anti-inflammatory Effects on Murine RAW264 Cells. International journal of molecular sciences, 24(7).

Uchiyama H, et al. (2023) Effects of chondroitin sulfate oligosaccharides on osteoclast differentiation of RAW264 cells, and myotube differentiation of C2C12 cells. PloS one, 18(4), e0284343.

Xiang T, et al. (2023) Apocynum venetum, a medicinal, economical and ecological plant: a review update. PeerJ, 11, e14966.

Muramatsu D, et al. (2023) Effects of heat degradation of betanin in red beetroot (Beta vulgaris L.) on biological activity and antioxidant capacity. PloS one, 18(5), e0286255.

Molina-Tijeras JA, et al. (2023) The Antioxidant Properties of Lavandula multifida Extract Contribute to Its Beneficial Effects in High-Fat Diet-Induced Obesity in Mice. Antioxidants (Basel, Switzerland), 12(4).

Zhao T, et al. (2023) Macrophages induce gingival destruction via Piezo1-mediated MMPs-degrading collagens in periodontitis. Frontiers in immunology, 14, 1194662.

Geraldo LH, et al. (2023) CCL21-CCR7 signaling promotes microglia/macrophage recruitment and chemotherapy resistance in glioblastoma. Cellular and molecular life sciences : CMLS, 80(7), 179.

Lu X, et al. (2023) Targeting WWP1 ameliorates cardiac ischemic injury by suppressing KLF15-ubiquitination mediated myocardial inflammation. Theranostics, 13(1), 417.

Ueda K, et al. (2023) Biocompatibility Evaluation of Carbon Nanohorns in Bone Tissues. Nanomaterials (Basel, Switzerland), 13(2).

Fujita M, et al. (2023) Dectin-2 Deficiency Promotes Proinflammatory Cytokine Release From Macrophages and Impairs Insulin Secretion. Endocrinology, 165(1).

Homma K, et al. (2023) A combination of 5/6-nephrectomy and unilateral ureteral obstruction model accelerates progression of remote organ fibrosis in chronic kidney disease. FASEB bioAdvances, 5(10), 377.

Zhang Y, et al. (2022) Splicing factor arginine/serine-rich 8 promotes multiple myeloma malignancy and bone lesion through alternative splicing of CACYBP and exosome-based cellular communication. Clinical and translational medicine, 12(2), e684.