

Resource Summary Report

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BALB/3T3 clone A31

RRID:CVCL_0184

Type: Cell Line

Proper Citation

RRID:CVCL_0184

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0184

Proper Citation: RRID:CVCL_0184

Description: Cell line BALB/3T3 clone A31 is a Spontaneously immortalized cell line with a species of origin *Mus musculus* (Mouse)

Sex: Sex unspecified

Defining Citation: [PMID:50878](#), [PMID:182373](#), [PMID:4301006](#), [PMID:4359949](#), [PMID:4792350](#), [PMID:4798834](#), [PMID:10848989](#), [PMID:22576795](#), [PMID:25277546](#), [PMID:31220119](#)

Comments: Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982).

Category: Spontaneously immortalized cell line

Organism: *Mus musculus* (Mouse)

Name: BALB/3T3 clone A31

Synonyms: BALB/c 3T3 clone A31, Balb/c3T3, BALB/c 3T3, Balb/c 3T3, BALB/3T3, Balb/3T3-4-Cl31, 3T3 clone A31, BALB/3T3 cl. A31, BALB 3T3 clone A31, BALB/3T3 (clone A31), B/C3T3, 3T3-A31, 3T3(A31), A31, A31N

Cross References: BTO:BTO_0000218, CLO:CLO_0001346, CLO:CLO_0001859, CLO:CLO_0050542, MCCL:MCC:0000075, CLDB:cl385, CLDB:cl386, CLDB:cl387, CLDB:cl388, CLDB:cl389, CLDB:cl7216, ATCC:CCL-163, ATCC:CRL-6587, ATCC:CRL-6588, BCRC:60009, BCRJ:0047, BioSample:SAMN11397624, CCRID:1101MOU-PUMC000186, CCRID:1102MOU-NIFDC00085, CCRID:3101MOUGNM3, CCRID:4201MOU-CCTCC00224, CCTCC:GDC0224, ChEMBL-Cells:ChEMBL3308086, ChEMBL-Targets:ChEMBL613876, CLS:305155, ECACC:86110401, ICLC:AL09001,

IZSLER:BS CL 4, JCRB:JCRB9005, KCB:KCB 200713YJ, KCLB:10163, Lonza:1351, MeSH:D041702, NCBI_Iran:C162, PubChem_Cell_line:CVCL_0184, RCB:RCB0005, RCB:RCB2647, TKG:TKG 0187, TOKU-E:615, TOKU-E:3612, Wikidata:Q28334278

ID: CVCL_0184

Record Creation Time: 20220427T215235+0000

Record Last Update: 20260802T010014+0000

Ratings and Alerts

No rating or validation information has been found for BALB/3T3 clone A31.

Warning: Discontinued: RCB; RCB2647

Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982).

Warning: Discontinued: ATCC; CRL-6587

Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982).

Warning: Discontinued: ATCC; CRL-6588

Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982).

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 282 mentions in open access literature.

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

Santana KA, et al. (2025) Biotechnological Potential of Seaweeds from Bahia, Brazil: Metabolomic insights, Photoprotection and Antioxidant Activity. Chemistry & biodiversity, 22(12), e02708.

Ichikawa T, et al. (2023) Protocol for live imaging of intracellular nanoscale structures using atomic force microscopy with nanoneedle probes. STAR protocols, 4(3), 102468.

Nakurte I, et al. (2023) Valorization of Bioactive Compounds from By-Products of Matricaria recutita White Ray Florets. Plants (Basel, Switzerland), 12(2).

Aunina K, et al. (2023) Exploring the Interplay of Antimicrobial Properties and Cellular Response in Physically Crosslinked Hyaluronic Acid/?-Polylysine Hydrogels. Polymers, 15(8).

Ceramella J, et al. (2023) Synthesis of Novel N-Heterocyclic Carbene-Ruthenium (II) Complexes, "Precious" Tools with Antibacterial, Anticancer and Antioxidant Properties. Antibiotics (Basel, Switzerland), 12(4).

López-Saucedo F, et al. (2023) Crosslinked Chitosan Films Supplemented with *Randia* sp. Fruit Extract. *Polymers*, 15(12).

Spasova M, et al. (2023) Innovative Fibrous Materials Loaded with 5-Nitro-8-hydroxyquinoline via Electrospinning/Electrospraying Demonstrate Antioxidant, Antimicrobial and Anticancer Activities. *Antioxidants* (Basel, Switzerland), 12(6).

Pastare L, et al. (2023) Exploring the Potential of Supercritical Fluid Extraction of *Matricaria chamomilla* White Ray Florets as a Source of Bioactive (Cosmetic) Ingredients. *Antioxidants* (Basel, Switzerland), 12(5).

Arcangeli D, et al. (2023) Smart Bandaid Integrated with Fully Textile OECT for Uric Acid Real-Time Monitoring in Wound Exudate. *ACS sensors*, 8(4), 1593.

Sre?kovi? NZ, et al. (2023) Biosynthesis of Silver Nanoparticles Using *Salvia pratensis* L. Aerial Part and Root Extracts: Bioactivity, Biocompatibility, and Catalytic Potential. *Molecules* (Basel, Switzerland), 28(3).

Jagie??o K, et al. (2023) Supporting the Wound Healing Process-Curcumin, Resveratrol and Baicalin in In Vitro Wound Healing Studies. *Pharmaceuticals* (Basel, Switzerland), 16(1).

Mantareva V, et al. (2023) Collagen Hydrolysate Effects on Photodynamic Efficiency of Gallium (III) Phthalocyanine on Pigmented Melanoma Cells. *Gels* (Basel, Switzerland), 9(6).

Kayagaki N, et al. (2023) Inhibiting membrane rupture with NINJ1 antibodies limits tissue injury. *Nature*.

Mastalarz H, et al. (2023) Studies on the Complexation of Platinum(II) by Some 4-Nitroisoxazoles and Testing the Cytotoxic Activity of the Resulting Complexes. *Molecules* (Basel, Switzerland), 28(3).

Stoyanova N, et al. (2023) Physico-Chemical, Mechanical, and Biological Properties of Polylactide/*Portulaca oleracea* Extract Electrospun Fibers. *Membranes*, 13(3).

Meirelles LMA, et al. (2023) Biocomposite for Prolonged Release of Water-Soluble Drugs. *Pharmaceutics*, 15(6).

Pospíšilová M, et al. (2023) Distinguishing Healthy and Carcinoma Cell Cultures Using Fluorescence Spectra Decomposition with a Genetic-Algorithm-Based Code. *Biosensors*, 13(2).

Tortorella A, et al. (2023) The impact of N-glycosylation on the properties of the antimicrobial peptide LL-III. *Scientific reports*, 13(1), 3733.

Chen CH, et al. (2023) A flexible liposomal polymer complex as a platform of specific and regulable immune regulation for individual cancer immunotherapy. *Journal of experimental & clinical cancer research* : CR, 42(1), 29.

Lenzi L, et al. (2023) Further Step in the Transition from Conventional Plasticizers to Versatile Bioplasticizers Obtained by the Valorization of Levulinic Acid and Glycerol. *ACS sustainable chemistry & engineering*, 11(25), 9455.