# Resource Summary Report

Generated by dkNET on Sep 2, 2026

## K7M2-WT

RRID:CVCL_V455
Type: Cell Line

### Proper Citation

ATCC Cat# CRL-2836, RRID:CVCL_V455

### Cell Line Information

**URL:** https://web.expasy.org/cellosaurus/CVCL_V455

**Proper Citation:** ATCC Cat# CRL-2836, RRID:CVCL_V455

**Description:** Cell line K7M2-WT is a Cancer cell line with a species of origin Mus musculus (Mouse)

**Sex:** Female

**Disease:** Mouse osteosarcoma

**Defining Citation:** PMID:11315100, PMID:17671136, PMID:26320182

**Category:** Cancer cell line

**Organism:** Mus musculus (Mouse)

**Name:** K7M2-WT

**Synonyms:** K7M2 wt, K7M2

**Cross References:** BTO:BTO_0006407, ATCC:CRL-2836, CCRID:1101MOU-PUMC000820, CCRID:3101MOUTCM38, CLS:305188, Wikidata:Q54899432

**ID:** CVCL_V455

**Vendor:** ATCC

**Catalog Number:** CRL-2836

**Hierarchy:** cvcl_w624

**Record Creation Time:** 20220427T220656+0000

**Record Last Update:** 20260829T234359+0000

## Ratings and Alerts

No rating or validation information has been found for K7M2-WT.

No alerts have been found for K7M2-WT.

## Data and Source Information

**Source:** Cellosaurus

## Usage and Citation Metrics

We found 17 mentions in open access literature.

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


Lin S, et al. (2026) Fluorinated polymeric nanoplatform relieves tumor hypoxia and enhances chemo-sonodynamic therapy. Acta biomaterialia, 214, 527.

Malhotra SV, et al. (2026) YB-1 inhibition suppresses osteosarcoma growth and reverses tumor immunosuppression. Molecular cancer therapeutics.

Chen J, et al. (2026) Photodynamic Effect of Bioactive Titanium Metal Initiated by X-Ray and Its Potential Application for Bone Tumor Treatment. International journal of cancer.

Yu J, et al. (2026) MnOx-armored magnesium implants for anti-osteosarcoma and biofilm eradication by charge-transfer interference. Materials today. Bio, 37, 102817.

Dai C, et al. (2025) Pharmacologic inhibition of CSF-1R suppresses intrinsic tumor cell growth in osteosarcoma with CSF-1R overexpression. Journal of translational medicine, 23(1), 900.

Li H, et al. (2025) In Situ Delivery of Gasdermin E mRNA Promotes Antitumor Immunity via Creatine-Elicited Type I Interferon Signaling in Monocytes. Cancer immunology research, 13(6), 939.

Charalambous A, et al. (2024) Tumor Microenvironment Reprogramming Improves Nanomedicine-Based Chemo-Immunotherapy in Sarcomas. Molecular cancer therapeutics, 23(11), 1555.

Deng C, et al. (2024) Extracellular-vesicle-packaged S100A11 from osteosarcoma cells mediates lung premetastatic niche formation by recruiting gMDSCs. Cell reports, 43(2), 113751.

Nakazawa K, et al. (2023) Piperacetazine Directly Binds to the PAX3::FOXO1 Fusion Protein and Inhibits Its Transcriptional Activity. Cancer research communications, 3(10), 2030.

Zhang W, et al. (2023) Cancer cells reprogram to metastatic state through the acquisition of platelet mitochondria. Cell reports, 42(9), 113147.

Martinez-Velez N, et al. (2022) Local Treatment of a Pediatric Osteosarcoma Model with a 4-1BBL Armed Oncolytic Adenovirus Results in an Antitumor Effect and Leads to Immune Memory. Molecular cancer therapeutics, 21(3), 471.

Hennessy M, et al. (2021) Bempegaldesleukin (BEMPEG; NKTR-214) efficacy as a single agent and in combination with checkpoint-inhibitor therapy in mouse models of osteosarcoma. International journal of cancer, 148(8), 1928.

Wedekind MF, et al. (2021) Endogenous retrovirus envelope as a tumor-associated immunotherapeutic target in murine osteosarcoma. iScience, 24(7), 102759.

Hoshino A, et al. (2020) Extracellular Vesicle and Particle Biomarkers Define Multiple Human Cancers. Cell, 182(4), 1044.

McGuire JJ, et al. (2020) Histone deacetylase inhibition prevents the growth of primary and metastatic osteosarcoma. International journal of cancer, 147(10), 2811.

Fourman MS, et al. (2018) Quantitative Primary Tumor Indocyanine Green Measurements Predict Osteosarcoma Metastatic Lung Burden in a Mouse Model. Clinical orthopaedics and related research, 476(3), 479.

Crasto JA, et al. (2018) Disulfiram reduces metastatic osteosarcoma tumor burden in an immunocompetent Balb/c or-thotopic mouse model. Oncotarget, 9(53), 30163.