Resource Summary Report

Generated by dkNET on Sep 1, 2026

HMCB

RRID:CVCL_3317
Type: Cell Line

Proper Citation

RRID:CVCL_3317

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3317

Proper Citation: RRID:CVCL_3317

Description: Cell line HMCB is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Melanoma

Defining Citation: PMID:1970678, PMID:12068308, PMID:20215515, PMID:22460905, PMID:26589293, PMID:30894373, PMID:31068700

Comments: Caution: The exact relationship between HMCB (Cellosaurus=CVCL_3317) and RPMI-7262/7272/7932/7962/7972 is not clear: all are derived from patient 'Bowes' melanoma., Anecdotal: The Bowes cell line is famous for its use in the identification and purification of tissue-type plasminogen activator, tPA., Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Group: Patented cell line.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HMCB

Synonyms: Human Melanoma Cell Bowes, Bowes melanoma cells, BOWES

Cross References: BTO:BTO_0001998, CLO:CLO_0003785, EFO:EFO_0002195, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2770, ATCC:CRL-9607, BioSample:SAMN10988240, cancercelllines:CVCL_3317, Cell_Model_Passport:SIDM00914, ChEMBL-Cells:CHEMBL3308385, ChEMBL-Targets:CHEMBL614824, Cosmic:724822, DepMap:ACH-000931, GEO:GSM827473,

GEO:GSM887087, GEO:GSM888157, IARC_TP53:21374, IGRhCellID:HMCB, LiGeA:CCLE_295, NCBI_Iran:C524, PharmacoDB:HMCB_553_2019, Progenetix:CVCL_3317, PubChem_Cell_line:CVCL_3317, Wikidata:Q54889913

ID: CVCL_3317

Record Creation Time: 20220427T220436+0000

Record Last Update: 20260829T233907+0000

Ratings and Alerts

No rating or validation information has been found for HMCB.

No alerts have been found for HMCB.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. Cell chemical biology, 31(7), 1247.

Cai C, et al. (2024) NRAS Mutant Dictates AHCYL1-Governed ER Calcium Homeostasis for Melanoma Tumor Growth. Molecular cancer research : MCR, 22(4), 386.

Gao X, et al. (2022) Lyso-PAF, a biologically inactive phospholipid, contributes to RAF1 activation. Molecular cell, 82(11), 1992.

Mo X, et al. (2022) Systematic discovery of mutation-directed neo-protein-protein interactions in cancer. Cell, 185(11), 1974.

Campbell NR, et al. (2021) Cooperation between melanoma cell states promotes metastasis through heterotypic cluster formation. Developmental cell, 56(20), 2808.

Wang H, et al. (2018) The Proto-oncogene c-Kit Inhibits Tumor Growth by Behaving as a Dependence Receptor. Molecular cell, 72(3), 413.

Lin R, et al. (2018) The Dietary Supplement Chondroitin-4-Sulfate Exhibits Oncogene-Specific Pro-tumor Effects on BRAF V600E Melanoma Cells. Molecular cell, 69(6), 923.

Pekkonen P, et al. (2018) Lymphatic endothelium stimulates melanoma metastasis and invasion via MMP14-dependent Notch3 and ??1-integrin activation. eLife, 7.

Mikelsaar AV, et al. (2012) Epitope of titin A-band-specific monoclonal antibody Tit1 5 H1.1 is highly conserved in several Fn3 domains of the titin molecule. Centriole staining in human, mouse and zebrafish cells. Cell division, 7(1), 21.