

Resource Summary Report

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DH82

RRID:CVCL_2018

Type: Cell Line

Proper Citation

RRID:CVCL_2018

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2018

Proper Citation: RRID:CVCL_2018

Description: Cell line DH82 is a Cancer cell line with a species of origin Canis lupus familiaris (Dog)

Sex: Male

Disease: Canine histiocytic sarcoma

Defining Citation: [PMID:3350786](#), [PMID:11377712](#), [PMID:11585095](#), [PMID:12234001](#), [PMID:21908323](#), [PMID:25534080](#), [PMID:26842912](#), [PMID:27197945](#), [PMID:27257868](#), [PMID:28620374](#), [PMID:31175136](#), [PMID:33389257](#)

Comments: Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Virology: Supports the replication of equine infectious anemia virus (EIAV) (PubMed=11377712)., Characteristics: Susceptible to infection by Ehrlichia ruminantium (PubMed=11585095; PubMed=12234001)., Characteristics: Can be infected by Trypanosoma cruzi which can then replicate and differentiate inside the cell., Part of: FACC canine tumor cell line panel.

Category: Cancer cell line

Organism: Canis lupus familiaris (Dog)

Name: DH82

Synonyms: DH-82, DH 82

Cross References: CLO:CLO_0002775, CLDB:c|1058, CLDB:c|1059, ATCC:CRL-3590, ATCC:CRL-10389, BCRC:60110, BCRJ:0077, CCRID:1101CAN-PUMC000818, CCRID:3101CANTCO3, CLS:305003, ECACC:94062922, GEO:GSM1974787, ICLC:ATL96008, KCB:KCB 2014070YJ, Wikidata:Q54831065

ID: CVCL_2018

Record Creation Time: 20220427T215818+0000

Record Last Update: 20260913T003011+0000

Ratings and Alerts

No rating or validation information has been found for DH82.

No alerts have been found for DH82.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Ahn JH, et al. (2025) JAK-STAT inhibitory effect of IN-115314, a novel small molecule inhibitor, and pharmacokinetic/pharmacodynamic study in canine. British journal of pharmacology, 182(20), 5071.

Engleberg AI, et al. (2025) Transcriptome Analysis of Canine Histiocytic Sarcoma Tumors and Cell Lines Reveals Multiple Targets for Therapy. Cancers, 17(6).

Hart TM, et al. (2024) An atlas of human vector-borne microbe interactions reveals pathogenicity mechanisms. Cell, 187(15), 4113.

Hédan B, et al. (2021) Identification of common predisposing loci to hematopoietic cancers in four dog breeds. PLoS genetics, 17(4), e1009395.

Digby Z, et al. (2021) Evolutionary loss of inflammasomes in the Carnivora and implications for the carriage of zoonotic infections. Cell reports, 36(8), 109614.

Hédan B, et al. (2020) PTPN11 mutations in canine and human disseminated histiocytic sarcoma. International journal of cancer, 147(6), 1657.

Sophocleous RA, et al. (2020) P2Y2 and P2X4 Receptors Mediate Ca²⁺ Mobilization in DH82 Canine Macrophage Cells. International journal of molecular sciences, 21(22).