

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

HepG3

RRID:CVCL_Y479

Type: Cell Line

Proper Citation

RRID:CVCL_Y479

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_Y479

Proper Citation: RRID:CVCL_Y479

Description: Cell line HepG3 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Hepatoblastoma

Defining Citation: [PMID:22912842](#)

Comments: Miscellaneous: It is not clear if there is a single HepG3 cell line or many different ones. The one described in PubMed=22912842 is said to be a Hep-G2 'derived stable cell line containing an integrated wild-type DHBV head-to-tail unit-length genomic DNA dimer', but there seem to be old papers (like PubMed 1828229) using this cell line as if it was obtained from ATCC., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HepG3

Cross References: EFO:EFO_0005382, cancercelllines:CVCL_Y479, Wikidata:Q54882867

ID: CVCL_Y479

Hierarchy: cvcl_0027

Record Creation Time: 20220427T220335+0000

Record Last Update: 20260905T180251+0000

Ratings and Alerts

No rating or validation information has been found for HepG3.

No alerts have been found for HepG3.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Fernandez-Rojo MA, et al. (2024) The heavy subunit of ferritin stimulates NLRP3 inflammasomes in hepatic stellate cells through ICAM-1 to drive hepatic inflammation. Science signaling, 17(830), eade4335.