

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

GCIY

RRID:CVCL_1228

Type: Cell Line

Proper Citation

RRID:CVCL_1228

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1228

Proper Citation: RRID:CVCL_1228

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

Sex: Female

Disease: Gastric adenocarcinoma

Defining Citation: [PMID:1653599](#), [PMID:9290701](#), [PMID:11314020](#), [PMID:15767549](#), [PMID:20164919](#), [PMID:22460905](#), [PMID:24587255](#), [PMID:25984343](#), [PMID:27397505](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:35839778](#)

Comments: Characteristics: Produces AFP (PubMed=11314020)., Population: Japanese., Part of: JFCR45 cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: GCIY

Cross References: CLO:CLO_0050793, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:671, BioSample:SAMN03472290, BioSample:SAMN10987813, cancercellines:CVCL_1228, Cell_Model_Passport:SIDM00274, ChEMBL-Cells:ChEMBL3308825, ChEMBL-Targets:ChEMBL2366234, Cosmic:889110, Cosmic:906869, Cosmic:983729, Cosmic:1001652, Cosmic:1187272, Cosmic-CLP:906869, DepMap:ACH-000047, EGA:EGAS00001000978, GDSC:906869, GEO:GSM887021, GEO:GSM888091,

GEO:GSM1669806, IARC_TP53:21340, LiGeA:CCLE_311, LINCS_LDP:LCL-1891, PharmacDB:GCIY_400_2019, PRIDE:PXD030304, Progenetix:CVCL_1228, PubChem_Cell_line:CVCL_1228, RCB:RCB0555, RCB:RCB1883, TKG:TKG 0405, Wikidata:Q54835507

ID: CVCL_1228

Record Creation Time: 20220427T215858+0000

Record Last Update: 20260905T175350+0000

Ratings and Alerts

No rating or validation information has been found for GCIY.

Warning: Discontinued: RCB; RCB1883

Characteristics: Produces AFP (PubMed=11314020)., Population: Japanese., Part of: JFCR45 cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Xie YL, et al. (2026) Ubiquitin Specific Peptidase 48 Deubiquitinates METTL3 to Modulate Ferroptosis in Gastric Cancer Cells. Molecular carcinogenesis.

Mitsui A, et al. (2024) Pathological and Biological Significance of the Specific Glycan, TRA-1-60, on Aggressive Gastric Adenocarcinoma. Laboratory investigation; a journal of technical methods and pathology, 104(7), 102073.

Sasahara M, et al. (2024) Therapeutic antibody targeting natriuretic peptide receptor 1 inhibits gastric cancer growth via BCL-2-mediated intrinsic apoptosis. International journal of cancer, 154(7), 1272.

Chiu TJ, et al. (2023) Prognosis of Midkine and AT1R expression in resectable head and neck squamous cell carcinoma. Cancer cell international, 23(1), 212.

Umeda S, et al. (2022) Lysosomal-associated membrane protein family member 5 promotes the metastatic potential of gastric cancer cells. Gastric cancer : official journal of the International Gastric Cancer Association and the Japanese Gastric Cancer Association, 25(3), 558.

Tanaka H, et al. (2022) Transcriptomic profiling on localized gastric cancer identified CPLX1 as a gene promoting malignant phenotype of gastric cancer and a predictor of

recurrence after surgery and subsequent chemotherapy. Journal of gastroenterology, 57(9), 640.