

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

WSU-HN12

RRID:CVCL_5518

Type: Cell Line

Proper Citation

RRID:CVCL_5518

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5518

Proper Citation: RRID:CVCL_5518

Description: Cell line WSU-HN12 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Tongue squamous cell carcinoma

Defining Citation: [PMID:7705939](#), [PMID:8001221](#), [PMID:9049184](#), [PMID:9389571](#), [PMID:25275298](#)

Comments: Part of: OPC-22 oral and pharyngeal cancer cell line panel.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: WSU-HN12

Synonyms: HN12, HN-12, Wayne State University-Head and Neck 12

Cross References: BTO:BTO_0005040, ABM:T8292, ChEMBL-Cells:ChEMBL4483183, Cosmic:922079, Cosmic:2043897, Cosmic:2296297, Cosmic:2513908, PubChem_Cell_line:CVCL_5518, Wikidata:Q54994470

ID: CVCL_5518

Record Creation Time: 20220427T221724+0000

Record Last Update: 20260830T000336+0000

Ratings and Alerts

No rating or validation information has been found for WSU-HN12.

No alerts have been found for WSU-HN12.

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 [RRID](#) .

Hoang TS, et al. (2026) Genome-wide CRISPR Screening Reveals a PKA-Driven Resistance Mechanism to Metformin for Oral Cancer Prevention That Can Be Exploited by Combination with NSAIDs. Cancer prevention research (Philadelphia, Pa.), 19(2), 79.

Koshizuka K, et al. (2025) Genome-Wide CRISPR Screening Reveals That mTOR Inhibition Initiates Ferritinophagy and Ferroptosis in Head and Neck Cancer. Cancer research, 85(16), 3032.

Zhang Q, et al. (2025) Associations between MTA1 and the outcome of oral leukoplakia: evidence from cohort studies and functional analyses. Oral surgery, oral medicine, oral pathology and oral radiology, 140(4), 455.

Marques JROF, et al. (2023) Advances in tissue engineering of cancer microenvironment- from three-dimensional culture to three-dimensional printing. SLAS technology, 28(3), 152.

Wang T, et al. (2023) Circular RNA from Tyrosylprotein Sulfotransferase 2 Gene Inhibits Cisplatin Sensitivity in Head and Neck Squamous Cell Carcinoma by Sponging miR-770-5p and Interacting with Nucleolin. Cancers, 15(22).

Jameson NM, et al. (2019) Intron 1-Mediated Regulation of EGFR Expression in EGFR-Dependent Malignancies Is Mediated by AP-1 and BET Proteins. Molecular cancer research : MCR, 17(11), 2208.