

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

MR49F

RRID:CVCL_RW53

Type: Cell Line

Proper Citation

RRID:CVCL_RW53

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_RW53

Proper Citation: RRID:CVCL_RW53

Description: Cell line MR49F is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Prostate carcinoma

Defining Citation: [PMID:25428917](#), [PMID:25634993](#)

Comments: Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: MR49F

Synonyms: MR49-F, ENZR 49F, 49FENZr

Cross References: BTO:BTO_0006265, cancercellines:CVCL_RW53, ChEMBL-Cells:ChEMBL4483149, ChEMBL-Targets:ChEMBL4483259, PubChem_Cell_line:CVCL_RW53, Wikidata:Q54906576

ID: CVCL_RW53

Hierarchy: cvcl_0395

Record Creation Time: 20220427T220821+0000

Record Last Update: 20260905T181209+0000

Ratings and Alerts

No rating or validation information has been found for MR49F.

No alerts have been found for MR49F.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Zheng W, et al. (2026) hsa-circCLK3-25 promotes epithelial-mesenchymal transition and malignant progression of prostate cancer through the JNK/ERK signaling pathway. American journal of cancer research, 16(3), 1081.

Gui F, et al. (2025) Acute BRCAness induction and AR pathway blockage through CDK12/7/9 degradation enhances PARP inhibitor sensitivity in prostate cancer. Science advances, 11(17), eadu0847.

Gui F, et al. (2024) Acute BRCAness Induction and AR Signaling Blockage through CDK12/7/9 Degradation Enhances PARP Inhibitor Sensitivity in Prostate Cancer. bioRxiv : the preprint server for biology.

Cordova RA, et al. (2022) GCN2 eIF2 kinase promotes prostate cancer by maintaining amino acid homeostasis. eLife, 11.