Resource Summary Report

Generated by RRID on Sep 4, 2026

A4573

RRID:CVCL_6245
Type: Cell Line

Proper Citation

RRID:CVCL_6245

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_6245

Proper Citation: RRID:CVCL_6245

Description: Cell line A4573 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Ewing sarcoma

Defining Citation: PMID:2620246, PMID:3004699, PMID:3390826, PMID:6750238, PMID:21822310, PMID:22142829, PMID:28196595, PMID:29464090, PMID:30879952

Comments: Part of: MD Anderson Cell Lines Project.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: A4573

Synonyms: A-4573, ES-A4573

Cross References: cancercelllines:CVCL_6245, Cosmic:1718428, Cosmic:2060798, GEO:GSM510001, Progenetix:CVCL_6245, Wikidata:Q54606924

ID: CVCL_6245

Record Creation Time: 20220427T215106+0000

Record Last Update: 20260904T021136+0000

Ratings and Alerts

No rating or validation information has been found for A4573.

No alerts have been found for A4573.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Molotkova A, et al. (2026) ROME, an Ancient Gene with a Novel Function in Vertebrates, Is a Key Modulator of Embryonal Development and Cancer Metastasis. Cancer research communications, 6(3), 477.

Chicón-Bosch M, et al. (2025) Multi-omics profiling reveals key factors involved in Ewing sarcoma metastasis. Molecular oncology, 19(4), 1002.

Kailayangiri S, et al. (2024) Protocol for assessing GD2 on formalin-fixed paraffin-embedded tissue sections using immunofluorescence staining. STAR protocols, 5(3), 103199.

Randolph ME, et al. (2024) RNA helicase DDX3 regulates RAD51 localization and DNA damage repair in Ewing sarcoma. iScience, 27(2), 108925.

Randolph ME, et al. (2023) RNA Helicase DDX3 Regulates RAD51 Localization and DNA Damage Repair in Ewing Sarcoma. bioRxiv : the preprint server for biology.

Nakazawa K, et al. (2023) Piperacetazine Directly Binds to the PAX3::FOXO1 Fusion Protein and Inhibits Its Transcriptional Activity. Cancer research communications, 3(10), 2030.

Mallard HJ, et al. (2023) USP1 Expression Driven by EWS::FLI1 Transcription Factor Stabilizes Survivin and Mitigates Replication Stress in Ewing Sarcoma. Molecular cancer research : MCR, 21(11), 1186.

Fernández-Tabanera E, et al. (2023) CD44 Modulates Cell Migration and Invasion in Ewing Sarcoma Cells. International journal of molecular sciences, 24(14).

Lin TY, et al. (2021) Novel potent anti-STEAP1 bispecific antibody to redirect T cells for cancer immunotherapy. Journal for immunotherapy of cancer, 9(9).