

Resource Summary Report

Generated by [dkNET](#) on Aug 4, 2026

Calu-3 2B4

RRID:CVCL_YZ47

Type: Cell Line

Proper Citation

RRID:CVCL_YZ47

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_YZ47

Proper Citation: RRID:CVCL_YZ47

Description: Cell line Calu-3 2B4 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung adenocarcinoma

Defining Citation: [PMID:20090954](#)

Comments: Virology: Highly susceptible to SARS coronavirus (SARS-CoV) infection (PubMed=20090954)., Characteristics: Increased expression of ACE2., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: Calu-3 2B4

Synonyms: 2B4

Cross References: cancercelllines:CVCL_YZ47, GEO:GSE17400, Wikidata:Q98125608

ID: CVCL_YZ47

Hierarchy: cvcl_0609

Record Creation Time: 20220427T215439+0000

Record Last Update: 20260801T235351+0000

Ratings and Alerts

No rating or validation information has been found for Calu-3 2B4.

No alerts have been found for Calu-3 2B4.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Baid K, et al. (2025) Early innate immune response and evolution of a SARS-CoV-2 furin cleavage site inactive variant in bat cells. Cell reports, 44(7), 115929.

Yang Z, et al. (2024) Interaction between host G3BP and viral nucleocapsid protein regulates SARS-CoV-2 replication and pathogenicity. Cell reports, 43(3), 113965.

Daniloski Z, et al. (2021) The Spike D614G mutation increases SARS-CoV-2 infection of multiple human cell types. eLife, 10.