

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

[A549-hACE2 \[BEI resources\]](#)

RRID:CVCL_A7UV

Type: Cell Line

Proper Citation

RRID:CVCL_A7UV

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_A7UV

Proper Citation: RRID:CVCL_A7UV

Description: Cell line A549-hACE2 [BEI resources] is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung adenocarcinoma

Comments: Characteristics: Expresses ACE2 under the control of the EF1a promoter (BEI_Resources=NR-53821)., Population: Caucasian., From: Baric, Ralph Steven; Department of Epidemiology, University of North Carolina at Chapel Hill; Chapel Hill; USA., Group: SARS-CoV-2 research cell line.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: A549-hACE2 [BEI resources]

Cross References: BEI_Resources:NR-53821, cancercellines:CVCL_A7UV, Wikidata:Q107113334

ID: CVCL_A7UV

Hierarchy: cvcl_0023

Record Creation Time: 20220427T215107+0000

Record Last Update: 20260726T002028+0000

Ratings and Alerts

No rating or validation information has been found for A549-hACE2 [BEI resources].

No alerts have been found for A549-hACE2 [BEI resources].

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Mao L, et al. (2024) Olgotrelvir, a dual inhibitor of SARS-CoV-2 Mpro and cathepsin L, as a standalone antiviral oral intervention candidate for COVID-19. *Med (New York, N.Y.)*, 5(1), 42.

Hartmann JA, et al. (2024) Evasion of NKG2D-mediated cytotoxic immunity by sarbecoviruses. *Cell*, 187(10), 2393.