

Resource Summary Report

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RK 13

RRID:CVCL_3155

Type: Cell Line

Proper Citation

ECACC Cat# 00021715, RRID:CVCL_3155

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3155

Proper Citation: ECACC Cat# 00021715, RRID:CVCL_3155

Description: Cell line RK 13 is a Spontaneously immortalized cell line with a species of origin *Oryctolagus cuniculus* (Rabbit)

Sex: Sex unspecified

Defining Citation: [PMID:4297026](#), [PMID:6988327](#), [PMID:7989438](#), [PMID:13881104](#), [PMID:13881105](#), [PMID:16494729](#), [PMID:19941903](#), [PMID:25565633](#), [PMID:34737324](#)

Comments: Virology: Persistently infected by bovine viral diarrhea virus (BVDV) (PubMed=7989438)., Virology: Susceptible to infection by SARS coronavirus (SARS-CoV) (PubMed=16494729)., Virology: Susceptible to infection by herpes simplex virus, pseudorabies virus, vaccinia virus, rabbitpox virus, myxoma virus, simian adenoviruses, and rubella virus (ATCC=CCL-37).

Category: Spontaneously immortalized cell line

Organism: *Oryctolagus cuniculus* (Rabbit)

Name: RK 13

Synonyms: RK-13, RK13, Rk13, R.K.13, GL RK/13, GLRK 13, GLRK/13, GLRK13, Glaxo Laboratories Rabbit Kidney 13

Cross References: BTO:BTO_0002909, CLO:CLO_0008820, CLO:CLO_0008822, CLO:CLO_0008823, CLO:CLO_0050249, EFO:EFO_0022765, CLDB:cl4152, CLDB:cl4153, CLDB:cl4155, CLDB:cl4156, CLDB:cl4157, CLDB:cl4158, ATCC:CCL-37, BCRC:60010, CCLV:CCLV-RIE 0109, CCRID:1102RAB-NIFDC00088, CCRID:4201RAB-CCTCC00101, CCTCC:GDC0101, ECACC:00021715, IZSLER:BS CL 74, KCB:KCB 2013030YJ, NCBI_Iran:C523, RCB:RCB0183, Wikidata:Q54950525

ID: CVCL_3155

Vendor: ECACC

Catalog Number: 00021715

Record Creation Time: 20220427T221500+0000

Record Last Update: 20260905T182219+0000

Ratings and Alerts

No rating or validation information has been found for RK 13.

No alerts have been found for RK 13.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 289 mentions in open access literature.

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

Larska M, et al. (2026) First detection of two novel malignant catarrhal fever-related gammaherpesviruses associated with sudden deaths of dorcas gazelles (*Gazella Dorcas osiris*). *BMC veterinary research*, 22(1).

Lu Y, et al. (2024) HDAC5 enhances IRF3 activation and is targeted for degradation by protein C6 from orthopoxviruses including Monkeypox virus and Variola virus. *Cell reports*, 43(3), 113788.

Castle AR, et al. (2023) Beta-endoproteolysis of the cellular prion protein by dipeptidyl peptidase-4 and fibroblast activation protein. *Proceedings of the National Academy of Sciences of the United States of America*, 120(1), e2209815120.

Mehla R, et al. (2023) A Live Attenuated COVID-19 Candidate Vaccine for Children: Protection against SARS-CoV-2 Challenge in Hamsters. *Vaccines*, 11(2).

Li Z, et al. (2023) Berbamine, a bioactive alkaloid, suppresses equine herpesvirus type 1 in vitro and in vivo. *Frontiers in veterinary science*, 10, 1163780.

Wang TY, et al. (2023) A novel viral vaccine platform based on engineered transfer RNA. *Emerging microbes & infections*, 12(1), 2157339.

Men Y, et al. (2023) RHDV 3C protein antagonizes type I interferon signaling by cleaving interferon promoter stimulated 1 protein. *Virus genes*, 59(2), 215.

Yadav A, et al. (2023) Comparative Transcriptomics and Genomics from Continuous Axenic Media Growth Identifies *Coxiella burnetii* Intracellular Survival Strategies. *bioRxiv* : the preprint server for biology.

Fayet M, et al. (2023) Identification and localization of polar tube proteins in the extruded polar tube of the microsporidian *Anncaliia algerae*. *Scientific reports*, 13(1), 8773.

Black JB, et al. (2023) Anti-inflammatory compounds reduce equine herpesvirus type 1 replication and cell-to-cell spread. *Frontiers in veterinary science*, 10, 1165917.

Abade Dos Santos FA, et al. (2022) Evaluation of Commercial Myxomatosis Vaccines against Recombinant Myxoma Virus (ha-MYXV) in Iberian Hare and Wild Rabbit. *Vaccines*, 10(3).

Zhu J, et al. (2022) Nucleolin interacts with the rabbit hemorrhagic disease virus replicase RdRp, nonstructural proteins p16 and p23, playing a role in virus replication. *Virologica Sinica*, 37(1), 48.

Rahman MJ, et al. (2022) Crocodilepox Virus Protein 157 Is an Independently Evolved Inhibitor of Protein Kinase R. *Viruses*, 14(7).

Kerr PJ, et al. (2022) Divergent Evolutionary Pathways of Myxoma Virus in Australia: Virulence Phenotypes in Susceptible and Partially Resistant Rabbits Indicate Possible Selection for Transmissibility. *Journal of virology*, 96(20), e0088622.

Abade Dos Santos FA, et al. (2022) Retrospective serological and molecular survey of myxoma or antigenically related virus in the Iberian hare, *Lepus granatensis*. *Transboundary and emerging diseases*, 69(6), 3637.

Luo J, et al. (2022) Characterizing the Proliferation Patterns of Representative Microsporidian Species Enlightens Future Studies of Infection Mechanisms. *Pathogens (Basel, Switzerland)*, 11(11).

Luo J, et al. (2022) Microsporidia Promote Host Mitochondrial Fragmentation by Modulating DRP1 Phosphorylation. *International journal of molecular sciences*, 23(14).

Thieulent CJ, et al. (2022) Oral Administration of Valganciclovir Reduces Clinical Signs, Virus Shedding and Cell-Associated Viremia in Ponies Experimentally Infected with the Equid Herpesvirus-1 C2254 Variant. *Pathogens (Basel, Switzerland)*, 11(5).

Torres AA, et al. (2022) The actin nucleator Spir-1 is a virus restriction factor that promotes innate immune signalling. *PLoS pathogens*, 18(2), e1010277.

Talbot-Cooper C, et al. (2022) Poxviruses and paramyxoviruses use a conserved mechanism of STAT1 antagonism to inhibit interferon signaling. *Cell host & microbe*, 30(3), 357.