Resource Summary Report

Generated by dkNET on Aug 13, 2026

LF-BK

RRID:CVCL_RX26
Type: Cell Line

Proper Citation

RRID:CVCL_RX26

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_RX26

Proper Citation: RRID:CVCL_RX26

Description: Cell line LF-BK is a Spontaneously immortalized cell line with a species of origin Sus scrofa (Pig)

Sex: Sex unspecified

Defining Citation: PMID:2847400, PMID:23515553, PMID:25617444, PMID:25787111

Comments: Virology: Susceptible to infection by foot-and-mouth disease virus., Problematic cell line: Misidentified. Originally thought to be of bovine fetal kidney origin but found to be from pig (PubMed=25617444; PubMed=25787111)..

Category: Spontaneously immortalized cell line

Organism: Sus scrofa (Pig)

Name: LF-BK

Synonyms: LFBK

Cross References: Wikidata:Q54902451

ID: CVCL_RX26

Record Creation Time: 20220427T220726+0000

Record Last Update: 20260809T001531+0000

Ratings and Alerts

No rating or validation information has been found for LF-BK.

Warning: Problematic cell line: Misidentified. Originally thought to be of bovine origin but found to be from pig (PubMed=25617444; PubMed=25787111).
Virology: Susceptible to infection by foot-and-mouth disease virus., Problematic cell line: Misidentified. Originally thought to be of bovine fetal kidney origin but found to be from pig (PubMed=25617444; PubMed=25787111)..

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Subasinghe A, et al. (2026) Foot-and-mouth disease virus VP4 interferes with host interferon response by targeting the nuclear translocation of interferon regulatory factor 3 (IRF3). Veterinary research, 57(1).

Song S, et al. (2026) Concentration- and Time-Dependent Virucidal Responses of Major Transboundary Animal Disease Viruses to Disinfectants. Viruses, 18(2).

Song S, et al. (2025) Comparative Evaluation of Modified Vaccinia Ankara as a Surrogate Virus for Disinfectant Efficacy Testing Against AIV, FMDV, and ASFV. Viruses, 17(9).

Park JY, et al. (2025) Development and immunogenicity of adenoviral Fc-fused FMDV virus-like particle vaccine in swine. The veterinary quarterly, 45(1), 2564443.

Weerawardhana A, et al. (2022) Foot-and-mouth disease virus non-structural protein 2B downregulates the RLR signaling pathway via degradation of RIG-I and MDA5. Frontiers in immunology, 13, 1020262.

Ekanayaka P, et al. (2021) Foot-and-Mouth Disease Virus 3C Protease Antagonizes Interferon Signaling and C142T Substitution Attenuates the FMD Virus. Frontiers in microbiology, 12, 737031.