

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

LFBK-alphaVbeta6

RRID:CVCL_RX27

Type: Cell Line

Proper Citation

RRID:CVCL_RX27

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_RX27

Proper Citation: RRID:CVCL_RX27

Description: Cell line LFBK-alphaVbeta6 is a Spontaneously immortalized cell line with a species of origin *Sus scrofa* (Pig)

Sex: Sex unspecified

Defining Citation: [PMID:23515553](#), [PMID:25617444](#), [PMID:26082457](#), [PMID:32851014](#), [PMID:34092457](#), [PMID:34458357](#), [PMID:34737324](#), [PMID:35112907](#), [PMID:36146682](#)

Comments: Virology: Persistently infected by bovine viral diarrhea virus (BVDV) (PubMed=34092457; PubMed=34458357; PubMed=35112907)., Virology: Susceptible to infection by senecavirus A (SVA) which can be used as a surrogate for studies of goat-and-mouth disease virus (PubMed=36146682)., Virology: More susceptible to infection by foot-and-mouth disease virus than parent cell line., Problematic cell line: Misidentified. Parent cell line (LF-BK) was originally thought to be of bovine fetal kidney origin but originates from pig (PubMed=25617444). The derived cell line has also been shown to originate from pig (PubMed=34737324)., Group: Patented cell line.

Category: Spontaneously immortalized cell line

Organism: *Sus scrofa* (Pig)

Name: LFBK-alphaVbeta6

Synonyms: LFBK alphaVbeta6, LFBKalphaVbeta6, LF-BK alphaVbeta6, LFBK-alpha(v)beta(6), LFBK-aVb6, LFBK-AvB6, LFBKaVB6, LFBKavb6

Cross References: Wikidata:Q54902456

ID: CVCL_RX27

Hierarchy: cvcl_rx26

Record Creation Time: 20220427T220726+0000

Record Last Update: 20260829T234509+0000

Ratings and Alerts

No rating or validation information has been found for LFBK-alphaVbeta6.

Warning: Problematic cell line: Misidentified. Parent cell line (LF-BK) was originally thought to be of bovine origin but originates from pig (PubMed=25617444). Virology: Persistently infected by bovine viral diarrhea virus (BVDV) (PubMed=34092457; PubMed=34458357; PubMed=35112907)., Virology: Susceptible to infection by senecavirus A (SVA) which can be used as a surrogate for studies of goot-and-mouth disease virus (PubMed=36146682)., Virology: More susceptible to infection by foot-and-mouth disease virus than parent cell line., Problematic cell line: Misidentified. Parent cell line (LF-BK) was originally thought to be of bovine fetal kidney origin but originates from pig (PubMed=25617444). The derived cell line has also been shown to originate from pig (PubMed=34737324)..., Group: Patented cell line. **Warning:** Problematic cell line: Misidentified. Parent cell line (LF-BK) was originally thought to be of bovine fetal kidney origin but originates from pig (PubMed=25617444).

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00613.

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Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.