

Resource Summary Report

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MDCK-WT-EKARrEV-NLS-LDR

RRID:CVCL_D5J1

Type: Cell Line

Proper Citation

RRID:CVCL_D5J1

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_D5J1

Proper Citation: RRID:CVCL_D5J1

Description: Cell line MDCK-WT-EKARrEV-NLS-LDR is a Transformed cell line with a species of origin *Canis lupus familiaris* (Dog)

Sex: Female

Defining Citation: [PMID:34667080](#)

Comments: Characteristics: Transduced with the FRET biosensor EKARrEV-NLS FRET biosensor EKARrEV-NLS, which consists of a donor fluorescent protein CFP, an ERK substrate peptide derived from RSK1, an optimized linker, a FHA1 phosphate binding domain, an acceptor fluorescent protein YFP and a nuclear localization signal as well a construct containing a Lyn-targeted (first 11 residues of LYN) rapamycin-binding (FRB) domain from MTOR (LDR) (PubMed=34667080).

Category: Transformed cell line

Organism: *Canis lupus familiaris* (Dog)

Name: MDCK-WT-EKARrEV-NLS-LDR

Cross References: JCRB:JCRB1993, Wikidata:Q127382791

ID: CVCL_D5J1

Hierarchy: cvcl_d5ir

Record Creation Time: 20240503T071656+0000

Record Last Update: 20260726T001055+0000

Ratings and Alerts

No rating or validation information has been found for MDCK-WT-EKARrEV-NLS-LDR.

No alerts have been found for MDCK-WT-EKARrEV-NLS-LDR.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.