

Resource Summary Report

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

MDCK-C7

RRID:CVCL_0423

Type: Cell Line

Proper Citation

RRID:CVCL_0423

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0423

Proper Citation: RRID:CVCL_0423

Description: Cell line MDCK-C7 is a Spontaneously immortalized cell line with a species of origin Canis lupus familiaris (Dog)

Sex: Female

Defining Citation: [PMID:7790388](#), [PMID:7971172](#), [PMID:10864013](#), [PMID:12457240](#)

Category: Spontaneously immortalized cell line

Organism: Canis lupus familiaris (Dog)

Name: MDCK-C7

Synonyms: MDCK clone C7, Madin-Darby Canine Kidney-Clone 7

Cross References: MCCL:MCC:0000320, Lonza:688, Wikidata:Q54904771

ID: CVCL_0423

Hierarchy: cvcl_0422

Record Creation Time: 20220427T220757+0000

Record Last Update: 20260829T234606+0000

Ratings and Alerts

No rating or validation information has been found for MDCK-C7.

No alerts have been found for MDCK-C7.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Niu X, et al. (2026) Targeted inhibition of RGS19 alleviates renal fibrosis by restoring autophagy and modulating immune cell infiltration. Journal of nanobiotechnology, 24(1).

Perez-Hernandez D, et al. (2023) Using PrISMa to reveal the interactome of the human claudins family. STAR protocols, 4(4), 102549.

Suarez-Artiles L, et al. (2022) Pan-claudin family interactome analysis reveals shared and specific interactions. Cell reports, 41(6), 111588.

Ayala-Torres C, et al. (2021) Angulin-1 (LSR) Affects Paracellular Water Transport, However Only in Tight Epithelial Cells. International journal of molecular sciences, 22(15).

Ayala-Torres C, et al. (2019) Tricellulin Effect on Paracellular Water Transport. International journal of molecular sciences, 20(22).