Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 5, 2025

MA-104

RRID:CVCL_3845
Type: Cell Line

Proper Citation

(RCB Cat# RCB0994, RRID:CVCL_3845)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3845

Proper Citation: (RCB Cat# RCB0994, RRID:CVCL_3845)

Sex: Sex unspecified

Defining Citation: PMID:4043530, PMID:4626908, PMID:15731278, PMID:16494729, PMID:19941903, PMID:20143388, PMID:26235236, PMID:28046048, PMID:33389257, PMID:34737324

Comments: Virology: Susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Virology: Susceptible to infection by SARS coronavirus (SARS-CoV). Produces a lytic infection (PubMed=15731278; PubMed=16494729)., Virology: Susceptible to infection by many viruses (arboviruses, reoviruses, rotaviruses, etc.)., Problematic cell line: Misidentified. Originally thought to be of Rhesus macaque origin but found to be from African Green monkey (PubMed=4043530; PubMed=20143388) and more precisely from Chlorocebus pygerythrus (PubMed=34737324).., Group: Non-human primate cell line.

Category: Spontaneously immortalized cell line

Name: MA-104

Synonyms: Ma-104, MA 104, MA104, Microbiological Associates-104

Cross References: BTO:BTO_0004983, CLO:CLO_0007492, CLO:CLO_0007494, CLO:CLO_0051423, EFO:EFO_0022811, CLDB:cl3324, CLDB:cl3325, CLDB:cl3326, CLDB:cl3327, ATCC:CRL-2378, BCRJ:0157, BioSample:SAMN03152038, CCLV:CCLV-RIE 0142, CCRID:4201MON-CCTCC00041, CCTCC:GDC0041, CLS:305007, ECACC:85102918, GEO:GSM758845, GEO:GSM758846, GEO:GSM758847,

GEO:GSM758848, GEO:GSM758849, GEO:GSM758850, GEO:GSM758851, GEO:GSM758852, GEO:GSM758853, GEO:GSM758854, GEO:GSM758855, GEO:GSM758856, GEO:GSM758857, GEO:GSM758858, GEO:GSM758859, IZSLER:BS CL 61, KCB:KCB 2010001YJ, NCBI_Iran:C486, RCB:RCB0994, Wikidata:Q54903682

ID: CVCL_3845

Vendor: RCB

Catalog Number: RCB0994

Record Creation Time: 20250131T201301+0000

Record Last Update: 20250131T202847+0000

Ratings and Alerts

No rating or validation information has been found for MA-104.

Warning: Problematic cell line: Misidentified. Originally thought to be of Rhesus macaque origin but found to be from African Green monkey (PubMed=4043530; PubMed=20143388).

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00077.
Virology: Susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Virology: Susceptible to infection by SARS coronavirus (SARS-CoV). Produces a lytic infection (PubMed=15731278; PubMed=16494729)., Virology: Susceptible to infection by many viruses (arboviruses, reoviruses, rotaviruses, etc.)., Problematic cell line: Misidentified. Originally thought to be of Rhesus macaque origin but found to be from African Green monkey (PubMed=4043530; PubMed=20143388) and more precisely from Chlorocebus pygerythrus (PubMed=34737324).., Group: Non-human primate cell line.
Warning: Discontinued: ATCC; CRL-2378
Virology: Susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Virology: Susceptible to infection by SARS coronavirus (SARS-CoV). Produces a lytic infection (PubMed=15731278; PubMed=16494729)., Virology: Susceptible to infection by many viruses (arboviruses, reoviruses, rotaviruses, etc.)., Problematic cell line: Misidentified. Originally thought to be of Rhesus macaque origin but found to be from African Green monkey (PubMed=4043530; PubMed=20143388) and more precisely from Chlorocebus pygerythrus (PubMed=34737324).., Group: Non-human primate cell line.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Lee M, et al. (2024) Characterization of viroplasm-like structures by co-expression of NSP5 and NSP2 across rotavirus species A to J. Journal of virology, 98(9), e0097524.

Vetter J, et al. (2024) The recruitment of TRiC chaperonin in rotavirus viroplasms correlates with virus replication. mBio, 15(4), e0049924.

Yu S, et al. (2024) A non-viral DNA delivery system consisting of multifunctional chimeric peptide fused with zinc-finger protein. iScience, 27(4), 109464.

Strauss S, et al. (2023) Principles of RNA recruitment to viral ribonucleoprotein condensates in a segmented dsRNA virus. eLife, 12.

Cook GM, et al. (2022) Ribosome profiling of porcine reproductive and respiratory syndrome virus reveals novel features of viral gene expression. eLife, 11.

Cobb RR, et al. (2022) A combination of two human neutralizing antibodies prevents SARS-CoV-2 infection in cynomolgus macaques. Med (New York, N.Y.), 3(3), 188.

Gilchuk P, et al. (2022) Standardized two-step testing of antibody activity in COVID-19 convalescent plasma. iScience, 25(1), 103602.

Jiménez-Zaragoza M, et al. (2018) Biophysical properties of single rotavirus particles account for the functions of protein shells in a multilayered virus. eLife, 7.