

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

rMC-1

RRID:CVCL_8140

Type: Cell Line

Proper Citation

RRID:CVCL_8140

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_8140

Proper Citation: RRID:CVCL_8140

Description: Cell line rMC-1 is a Transformed cell line with a species of origin Rattus norvegicus (Rat)

Sex: Female

Defining Citation: [PMID:9430566](#), [PMID:26854824](#), [PMID:30677389](#), [PMID:31372389](#)

Category: Transformed cell line

Organism: Rattus norvegicus (Rat)

Name: rMC-1

Synonyms: retinal Muller Cell line-1

Cross References: BTO:BTO_0003559, ABM:T0576, GEO:GSM3497788, GEO:GSM3497789, GEO:GSM3497790, Kerafast:ENW001, PRIDE:PXD001463, Wikidata:Q54950650

ID: CVCL_8140

Record Creation Time: 20220427T221502+0000

Record Last Update: 20260829T235745+0000

Ratings and Alerts

No rating or validation information has been found for rMC-1.

No alerts have been found for rMC-1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Chou HD, et al. (2024) Synthesis, Properties, and Biocompatibility of 4-Carboxyphenylboronic Acid-Modified Gelatin-Methacryloyl: A Hydrogel for Retinal Surgeries. ACS omega, 9(41), 42147.

Chou HD, et al. (2023) MicroRNA-152-3p and MicroRNA-196a-5p Are Downregulated When Müller Cells Are Promoted by Components of the Internal Limiting Membrane: Implications for Macular Hole Healing. International journal of molecular sciences, 24(24).

Wu AL, et al. (2021) Role of growth factors and internal limiting membrane constituents in müller cell migration. Experimental eye research, 202, 108352.

Thompson K, et al. (2018) Advanced glycation end (AGE) product modification of laminin downregulates Kir4.1 in retinal Müller cells. PloS one, 13(2), e0193280.