

Resource Summary Report

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

RPE-J

RRID:CVCL_3789

Type: Cell Line

Proper Citation

RRID:CVCL_3789

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3789

Proper Citation: RRID:CVCL_3789

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

Sex: Sex unspecified

Defining Citation: [PMID:8383696](#), [PMID:11825020](#), [PMID:27050416](#)

Comments: Characteristics: At the restrictive temperature (40 Celsius) this cell line acquires a differentiated polarized RPE phenotype (PubMed=8383696).

Category: Transformed cell line

Organism: Rattus norvegicus (Rat)

Name: RPE-J

Cross References: CLO:CLO_0008866, ATCC:CRL-2240, Wikidata:Q54951142

ID: CVCL_3789

Record Creation Time: 20220427T221506+0000

Record Last Update: 20260829T235759+0000

Ratings and Alerts

No rating or validation information has been found for RPE-J.

No alerts have been found for RPE-J.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Fan YY, et al. (2021) MicroRNA-126 inhibits pathological retinal neovascularization via suppressing vascular endothelial growth factor expression in a rat model of retinopathy of prematurity. European journal of pharmacology, 900, 174035.

Zhu Y, et al. (2020) Dynamic Regulation of ME1 Phosphorylation and Acetylation Affects Lipid Metabolism and Colorectal Tumorigenesis. Molecular cell, 77(1), 138.