

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

REF52

RRID:CVCL_6848

Type: Cell Line

Proper Citation

RRID:CVCL_6848

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_6848

Proper Citation: RRID:CVCL_6848

Description: Cell line REF52 is a Spontaneously immortalized cell line with a species of origin Rattus norvegicus (Rat)

Sex: Sex unspecified

Defining Citation: [PMID:2564397](#), [PMID:2830582](#), [PMID:3510745](#), [PMID:6133866](#), [PMID:6315714](#), [PMID:7314451](#)

Category: Spontaneously immortalized cell line

Organism: Rattus norvegicus (Rat)

Name: REF52

Synonyms: REF-52, REF 52, Rat Embryo Fibroblast 52

Cross References: BTO:BTO_0001955, EFO:EFO_0022770, TOKU-E:3889, Wikidata:Q54949702

ID: CVCL_6848

Record Creation Time: 20220427T221455+0000

Record Last Update: 20260802T003421+0000

Ratings and Alerts

No rating or validation information has been found for REF52.

No alerts have been found for REF52.

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 [NIF](#) .

van Stalborch AD, et al. (2023) Imaging and quantitative analysis of integrin-dependent cell-matrix adhesions. STAR protocols, 4(3), 102473.

Guevara-Garcia A, et al. (2022) Integrin-based adhesion compartmentalizes ALK3 of the BMPRII to control cell adhesion and migration. The Journal of cell biology, 221(12).

Xie T, et al. (2021) Condensation tendency and planar isotropic actin gradient induce radial alignment in confined monolayers. eLife, 10.

Markwardt ML, et al. (2018) A Genetically Encoded Biosensor Strategy for Quantifying Non-muscle Myosin II Phosphorylation Dynamics in Living Cells and Organisms. Cell reports, 24(4), 1060.

Ross BL, et al. (2018) Single-color, ratiometric biosensors for detecting signaling activities in live cells. eLife, 7.