

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

mRuby2-Lysosomes-20

RRID:Addgene_55902

Type: Plasmid

Proper Citation

RRID:Addgene_55902

Plasmid Information

URL: <http://www.addgene.org/55902>

Proper Citation: RRID:Addgene_55902

Insert Name: LAMP1

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22961245](#)

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mRuby2; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 559; Emission = 600

Plasmid Name: mRuby2-Lysosomes-20

Record Creation Time: 20220422T222327+0000

Record Last Update: 20260815T081654+0000

Ratings and Alerts

No rating or validation information has been found for mRuby2-Lysosomes-20.

No alerts have been found for mRuby2-Lysosomes-20.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Chen K, et al. (2021) Excitation spectral microscopy for highly multiplexed fluorescence imaging and quantitative biosensing. *Light, science & applications*, 10(1), 97.

Bissig C, et al. (2019) The PIKfyve complex regulates the early melanosome homeostasis required for physiological amyloid formation. *Journal of cell science*, 132(5).

Bissig C, et al. (2017) PIKfyve activity regulates reformation of terminal storage lysosomes from endolysosomes. *Traffic (Copenhagen, Denmark)*, 18(11), 747.

Suzuki K, et al. (2016) Five colour variants of bright luminescent protein for real-time multicolour bioimaging. *Nature communications*, 7, 13718.