

# Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

## mRuby-Lifeact-7

RRID:Addgene\_54560

Type: Plasmid

### Proper Citation

RRID:Addgene\_54560

### Plasmid Information

**URL:** <http://www.addgene.org/54560>

**Proper Citation:** RRID:Addgene\_54560

**Insert Name:** Lifeact-mRuby

**Bacterial Resistance:** Kanamycin

**Vector Backbone Description:** Backbone Size:4800; Vector Backbone:LifeAct- mRuby;  
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** . Excitation = 558; Emission = 605

**Plasmid Name:** mRuby-Lifeact-7

**Record Creation Time:** 20220422T222319+0000

**Record Last Update:** 20260815T081641+0000

### Ratings and Alerts

No rating or validation information has been found for mRuby-Lifeact-7.

No alerts have been found for mRuby-Lifeact-7.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Ball NJ, et al. (2024) TLNRD1 is a CCM complex component and regulates endothelial barrier integrity. The Journal of cell biology, 223(9).

Romero MD, et al. (2024) Dynamin-dependent entry of Chlamydia trachomatis is sequentially regulated by the effectors TarP and TmeA. Nature communications, 15(1), 4926.

Romero MD, et al. (2023) Dynamin-dependent entry of Chlamydia trachomatis is sequentially regulated by the effectors TarP and TmeA. Research square.

Hu X, et al. (2022) Control cell migration by engineering integrin ligand assembly. Nature communications, 13(1), 5002.

Salomaa SI, et al. (2021) SHANK3 conformation regulates direct actin binding and crosstalk with Rap1 signaling. Current biology : CB, 31(22), 4956.

Kiepas A, et al. (2020) Optimizing live-cell fluorescence imaging conditions to minimize phototoxicity. Journal of cell science, 133(4).

Rui Y, et al. (2020) Spontaneous Local Calcium Transients Regulate Oligodendrocyte Development in Culture through Store-Operated Ca<sup>2+</sup> Entry and Release. eNeuro, 7(4).

Seelbinder B, et al. (2020) TENSCell: Imaging of Stretch-Activated Cells Reveals Divergent Nuclear Behavior and Tension. Biophysical journal, 118(11), 2627.