

# Resource Summary Report

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

## mEmerald-Rab5a-7

RRID:Addgene\_54243

Type: Plasmid

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### Proper Citation

RRID:Addgene\_54243

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### Plasmid Information

**URL:** <http://www.addgene.org/54243>

**Proper Citation:** RRID:Addgene\_54243

**Insert Name:** Rab5a

**Organism:** Other

**Bacterial Resistance:** Kanamycin

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

**Comments:** . Excitation = 487; Emission = 509. Localization data: Ras GTPase

**Plasmid Name:** mEmerald-Rab5a-7

**Record Creation Time:** 20220422T222317+0000

**Record Last Update:** 20260801T081454+0000

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### Ratings and Alerts

No rating or validation information has been found for mEmerald-Rab5a-7.

No alerts have been found for mEmerald-Rab5a-7.

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### Data and Source Information

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

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### Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Rennick JJ, et al. (2022) Resolving subcellular pH with a quantitative fluorescent lifetime biosensor. Nature communications, 13(1), 6023.

Adams G, et al. (2021) Survey of cancer cell anatomy in nonadhesive confinement reveals a role for filamin-A and fascin-1 in leader bleb-based migration. Molecular biology of the cell, 32(18), 1772.

Lu M, et al. (2020) The structure and global distribution of the endoplasmic reticulum network are actively regulated by lysosomes. Science advances, 6(51).

Xia S, et al. (2019) Nanoscale Architecture of the Cortical Actin Cytoskeleton in Embryonic Stem Cells. Cell reports, 28(5), 1251.