

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

## GFP-mROCK2

RRID:Addgene\_101296

Type: Plasmid

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### Proper Citation

RRID:Addgene\_101296

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### Plasmid Information

**URL:** <http://www.addgene.org/101296>

**Proper Citation:** RRID:Addgene\_101296

**Insert Name:** Rock2

**Organism:** Mus musculus

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:26368311](#)

**Vector Backbone Description:** Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Plasmid Name:** GFP-mROCK2

**Record Creation Time:** 20220422T221453+0000

**Record Last Update:** 20260808T080311+0000

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### Ratings and Alerts

No rating or validation information has been found for GFP-mROCK2.

No alerts have been found for GFP-mROCK2.

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### Data and Source Information

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

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### Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Smith CEL, et al. (2025) Drug and siRNA screens identify ROCK2 as a therapeutic target for ciliopathies. Communications medicine, 5(1), 129.

Swiatlowska P, et al. (2022) Pressure and stiffness sensing together regulate vascular smooth muscle cell phenotype switching. Science advances, 8(15), eabm3471.

Chan KL, et al. (2022) Inhibition of the CtBP complex and FBXO11 enhances MHC class II expression and anti-cancer immune responses. Cancer cell, 40(10), 1190.

Mu??oz VR, et al. (2021) Exercise Counterbalances Rho/ROCK2 Signaling Impairment in the Skeletal Muscle and Ameliorates Insulin Sensitivity in Obese Mice. Frontiers in immunology, 12, 702025.

Burr ML, et al. (2019) An Evolutionarily Conserved Function of Polycomb Silences the MHC Class I Antigen Presentation Pathway and Enables Immune Evasion in Cancer. Cancer cell, 36(4), 385.