

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 13, 2025

## human EB1 in pEGFP N1 to express EB1-GFP (JB131)

RRID:Addgene\_39299

Type: Plasmid

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### Proper Citation

RRID:Addgene\_39299

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### Plasmid Information

**URL:** <http://www.addgene.org/39299>

**Proper Citation:** RRID:Addgene\_39299

**Insert Name:** EB1

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

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

**Vector Backbone Description:** Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** Makes beautiful comets on tips of microtubules in all cells tested. Clones of Ptk1 cells stably expressing this plasmid were made. Contact me for further details. JST

**Plasmid Name:** human EB1 in pEGFP N1 to express EB1-GFP (JB131)

**Record Creation Time:** 20220422T222205+0000

**Record Last Update:** 20230915T081054+0000

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### Ratings and Alerts

No rating or validation information has been found for human EB1 in pEGFP N1 to express EB1-GFP (JB131).

No alerts have been found for human EB1 in pEGFP N1 to express EB1-GFP (JB131).

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Gandhi N, et al. (2024) In Vitro Cell Culture Model for Osteoclast Activation during Estrogen Withdrawal. *International journal of molecular sciences*, 25(11).

Quigley EB, et al. (2024) GnRH Induces Citrullination of the Cytoskeleton in Murine Gonadotrope Cells. *International journal of molecular sciences*, 25(6).

Omer S, et al. (2024) Ninein promotes F-actin cup formation and inward phagosome movement during phagocytosis in macrophages. *Molecular biology of the cell*, 35(3), ar26.

Müller M, et al. (2022) Manipulation of the Tubulin Code Alters Directional Cell Migration and Ciliogenesis. *Frontiers in cell and developmental biology*, 10, 901999.

Asthana J, et al. (2021) Gradual compaction of the central spindle decreases its dynamicity in PRC1 and EB1 gene-edited cells. *Life science alliance*, 4(12).

Chan ZC, et al. (2020) Site-directed MT1-MMP trafficking and surface insertion regulate AChR clustering and remodeling at developing NMJs. *eLife*, 9.

Juanes MA, et al. (2020) EB1 Directly Regulates APC-Mediated Actin Nucleation. *Current biology : CB*, 30(23), 4763.