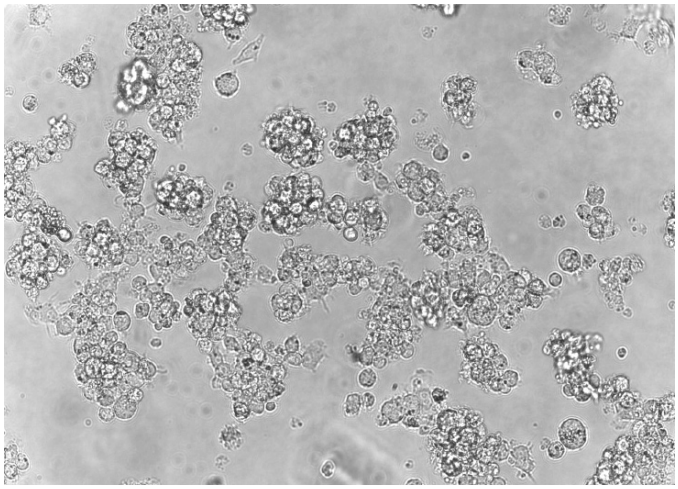
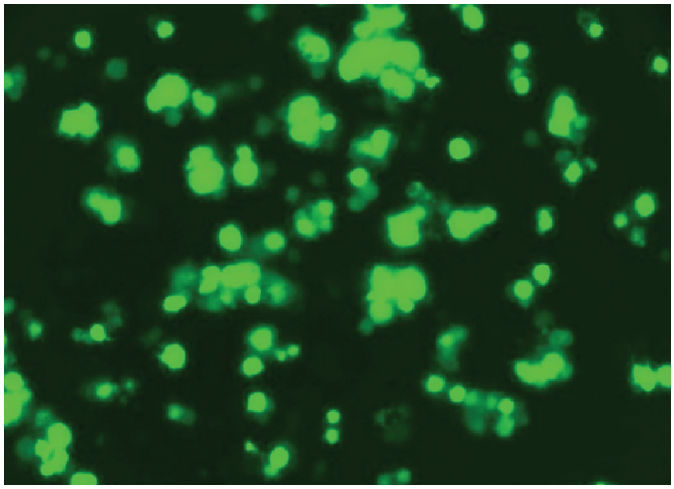
Raw 264.7

A



B



Raw 264.7 cells were transfected using the Neon™ transfection system and 0.5 µg of a plasmid encoding the EGFP. 24 hours post transfection, the cells were analyzed by light (A) and fluorescence microscopy (B).

Electroporation parameters

Pulse voltage (v)	Pulse width (ms)	Pulse number	Cell density (cells/ml)	Transfection efficiency	Viability	Tip type
1,680	20	1	5×10^6	74%	80%	10 µl
1,720	10	2	5×10^6	70%	80%	10 µl
1,680	20	1	6×10^7	70%	80%	10 µl

Cell information

Cell type/description	Raw 264.7 (immune)/cell line
Characteristics/species	Adherent/mouse
Tissue origin	Blood
Media	Dulbecco's Modified Eagle's Medium (DMEM), with 4,500 mg/L D-glucose, L-glutamine, and 110 mg/L sodium pyruvate; 10% FBS
Morphology	Monocyte/macrophage
Double time	—
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO_2), 5%