



SUPPLEMENTARY FIG. S4. Overexpression: confocal microscopy images of cells overexpressing EGFP-labeled endocytic proteins (*green*) and transfected with 100 nM fluorescently labeled siRNA (*red*) and 2.3 $\mu\text{g}/\text{mL}$ LF2K. Cells were fixed and imaged 1 h after transfection of siRNA-LF2K complexes. Scale bars are 15 μm .

SUPPLEMENTARY TABLE S1. MATERIALS: CELL CULTURE, SOLUTIONS, CHEMICAL INHIBITORS AND PLASMIDS

Cell culture	Inhibitors
96-Well plate (No. 3610; Costar)	Chlorpromazine hydrochloride (No. C8138-5G; Sigma)
24-Well plate (No. 3513; Costar)	Cytochalasin D (No. C2618-200uL; Sigma)
24-Well confocal plate (No. 82406; Ibidi)	Filipin complex III (No. F4767-1MG; Sigma)
DMEM (No. 11965092; Life Technologies)	Dynasore hydrate (No. D7693-25MG; Sigma)
FBS (No. S11550; Atlanta Biological)	5-(N,N-dimethyl)amiloride (No. A4562-25MG; Sigma)
Paraformaldehyde (No. P6148-500g; Sigma)	Methyl- β -cyclodextrin (No. C4555-5G; Sigma)
DPBS: Dulbecco's (+Mg/Ca; No. 14040133; Life Technologies)	Plasmids
PBS: Dulbecco's (-Mg/Ca; No. D8537; Sigma)	pd2EGFP-N1 (No. 6009-1; Clontech)
Trypsin (No. 25200056; Life Technologies)	Wt-dynamin-2-pEGFP (No. 34686; Addgene)
Opti-MEM (No. 11058021; Life Technologies)	EGFP-actin-7 (No. 56421; Addgene)
Heparin sulfate (No. H3393-25KU; Sigma)	GFP-alpha-adaptin [S1]
Lipofectamine 2000 (No. 11668019; Life Technologies)	GFP-clathrin [S2]
Fluorescent siRNA: sense DY547-5'-GGCUACGUCCAGGAGCGCA-3'; antisense 5'-UGCGCUCCUGGACGUAGCC-3' (Dharmacon)	Cav1-GFP (No. 14433; Addgene)
	pFlot-1-GFP-N1 [S3]
	pFlot-2-GFP-N1 [S3]
	pDEST47-ARF6-GFP (No. 67394; Addgene)
	pEGFP-C3-GRAF1 [S4]
Solutions	
Paraformaldehyde solutions: 2% paraformaldehyde (w/v) in PBS	
Heparin solution: 20 $\mu\text{g}/\text{mL}$ heparin sulfate in DPBS	
Media: 10% FBS (v/v) in DMEM	

DMEM, Dulbecco's modified Eagle's medium; DPBS, Dulbecco's phosphate-buffered saline; FBS, fetal bovine serum; siRNA, small interfering RNA.