Supplementary Figure 4

(A) Western blot analysis showing the expression levels of Mlc1 and GFP in cells treated with shScr and shMLC1. The sizes of the bands are indicated in kilodaltons (kDa).

(B) Immunofluorescence images depicting the localization of GFP, S100β, and merged images in cells transfected with shScr-GFP and shMLC1-GFP. The images show the actin cytoskeleton in red and the GFP signal in green.

(C) Similar immunofluorescence analysis for cells transfected with shScr-GFP and shMLC1-GFP, illustrating the changed cytoskeletal architecture and GFP expression.