



Figure S1. Quantitative analysis of HS expression in PLN HEVs in WT and cKO mice.

(A) Immunofluorescence staining of the PLN sections from the WT and cKO mice with MECA-79 (blue) and anti-HS mAb (red). For quantitative analysis, the area and fluorescence intensity of each MECA-79⁺ HEV were measured with the fluorescence microscope, BZ-9000, and the HS fluorescence intensities per 1 μm^2 HEVs were calculated. The arrowheads denote the MECA-79⁻ blood vessels. Scale bar, 100 μm . (B, C) Percentage of MECA-79⁺ HEVs with the categorized relative HS fluorescence intensities. The mean HS fluorescence intensities per 1 μm^2 HEVs in the WT mice was set as 100, and the relative HS fluorescence intensities per 1 μm^2 HEVs were categorized into the different grades shown in the x-axis. The values represent the mean \pm SD. (C) The relative HS fluorescence intensities per 1 μm^2 HEVs were further categorized into three grades: less than 10% (<10), 10 to 30% (10-30) and greater than 30% (>30). Each bar represents the mean \pm SD ($n = 3$). The data are representative of three independent experiments.