

Supplementary information

Myosin di-phosphorylation and peripheral actin bundle formation as initial events during endothelial barrier disruption

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Legend for Supplementary Figure S1

The effects of blebbistatin on the thrombin-induced changes in the TEER and MLC phosphorylation in PAECs.

(a) The effects of 50 μM ($n = 4$) and 100 μM ($n = 7$) blebbistatin on the temporal changes in the TEER induced by 1 u ml^{-1} thrombin (Control; $n = 7$). (b) A representative immunoblot (IB) and a summary ($n = 4$) of the levels of pMLC and ppMLC obtained before (-) and 3 min after (+) stimulation with 1 u ml^{-1} thrombin, in the absence and presence of 100 μM blebbistatin. PAECs were exposed to blebbistatin 30 min prior to and during thrombin stimulation. The data are the means \pm SEM. ns, not significantly different; *, $P < 0.05$ (vs. Control in a), according to an ANOVA followed by Dunnett's post-hoc test (a) and the Turkey-Kramer test (b).

Supplementary Figure S1

