

Title: Supplementary Data 1.

Description: Primary antibody summary.

Title: Supplementary Movie 1.

Description: FITC-Dextran (green) perfusion of microvascular network in a skin-on-chip coated with human dermal microvascular endothelial cells.

Title: Supplementary Movie 2.

Description: FITC-Dextran (green) perfusion of microvascular network in a skin-on-chip constructed without human dermal microvascular endothelial cells.

Title: Supplementary Movie 3.

Description: Neutrophil trans-endothelium extravasation and migration in response to epidermal infection of HSV-1, as shown in Figure 4d.