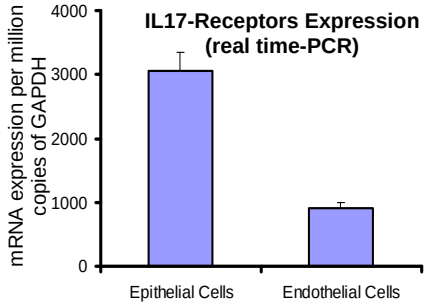
Figure S1. Expression of IL17-receptors by epithelial and endothelial cells, and IL17 by Th17 cells

(A) To confirm IL17-receptor expression by corneal epithelial and lymphatic endothelial cells, RNA was isolated and real-time PCR was performed using Taqman mastermix and preformulated primers for IL17-R and GAPDH (Applied Biosystems). (B) Primary human Th17 cells, generated by polarizing peripheral blood $CD4^+$ T cells in a Th17-inducer cytokine-cocktail (TGFb, IL6 and IL23), were stained with mouse anti-human IL17-FITC monoclonal antibodies (eBioscience Inc.) and analyzed using flow cytometry.

(A)



(B)

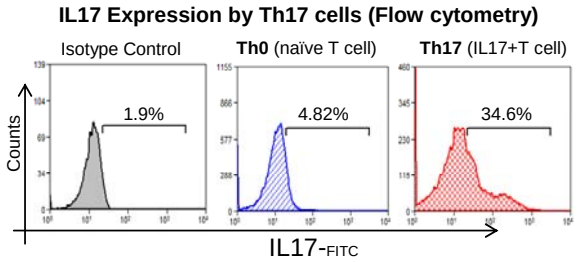


Figure S2. Expression of different VEGFs by Th17 cells

To examine whether Th17 cells also express different VEGF species, we conducted real time-PCR and observed that expression levels of VEGF-A, -C, and -D transcripts were very low (minimal to undetectable) in primary human Th17 cells compared to primary human lymphatic endothelial cells (used as positive control).