

Figure S1. Effects of rhTβ4 on conjunctival cell death in BAC-induced DED mouse model. (A) Apoptotic positive cells in the conjunctiva and (B) representative images of TUNEL staining at day 7. The rhTβ4 groups had a lower number of TUNEL positive cells in the conjunctiva. n=6 mice per group. Related to Figure 2.

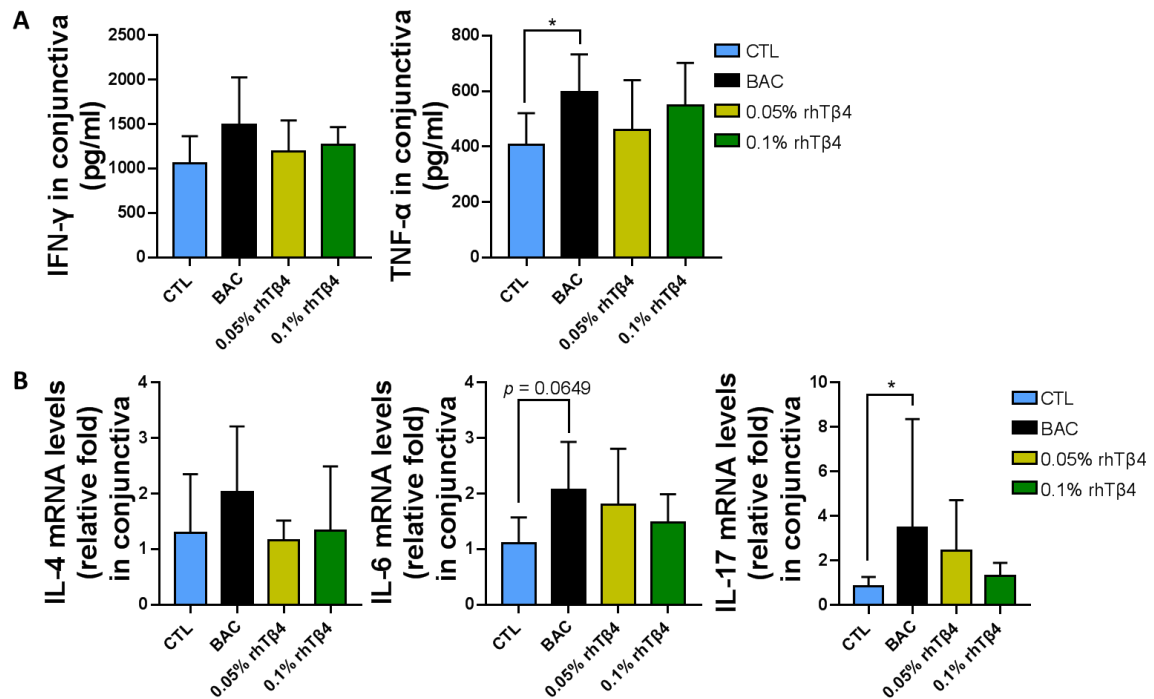


Figure S2. rhTβ4 decreased conjunctival pro-inflammatory cytokines' expression after BAC injury. ELISA quantification of IFN-γ and TNF-α (A) and qRT-PCR analysis of IL-4, IL-6, and IL-17 (B) demonstrated decreased cytokines gene transcription and expression in the rhTβ4-treated eyes. n=6 mice per group, * $p < 0.05$. Related to Figure 4.

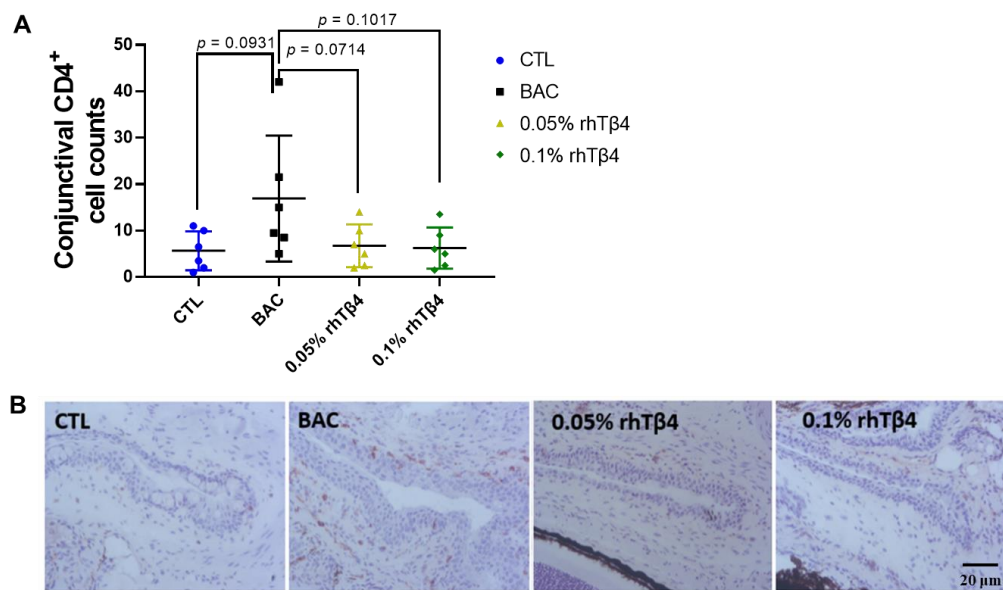


Figure S3. Analysis of degrees of CD4⁺ T cells infiltration after rhTβ4 treatment. Conjunctival CD4⁺ cells counts (A) and representative images (B) showed less inflammatory infiltration in peripheral conjunctival stroma after rhTβ4 treatment