SUPPLEMENTAL MATERIAL

Herro et al., https://doi.org/10.1084/jem.20170536

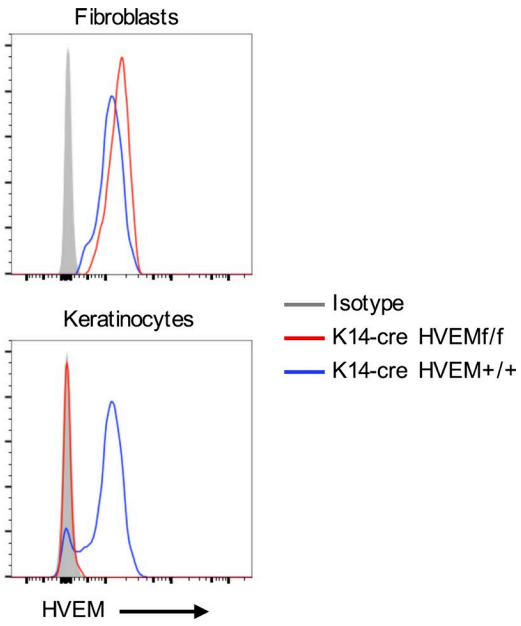

Figure S1. **HVEM expression in skin cells from K14-cre HVEM$^{fl/fl}$ mice.** Keratinocytes and fibroblasts from the skin were stained by flow cytometry for HVEM. The blue and red lines are K14-cre HVEM$^{+/+}$ and K14-cre HVEM$^{fl/fl}$, respectively. Isotype control in gray.

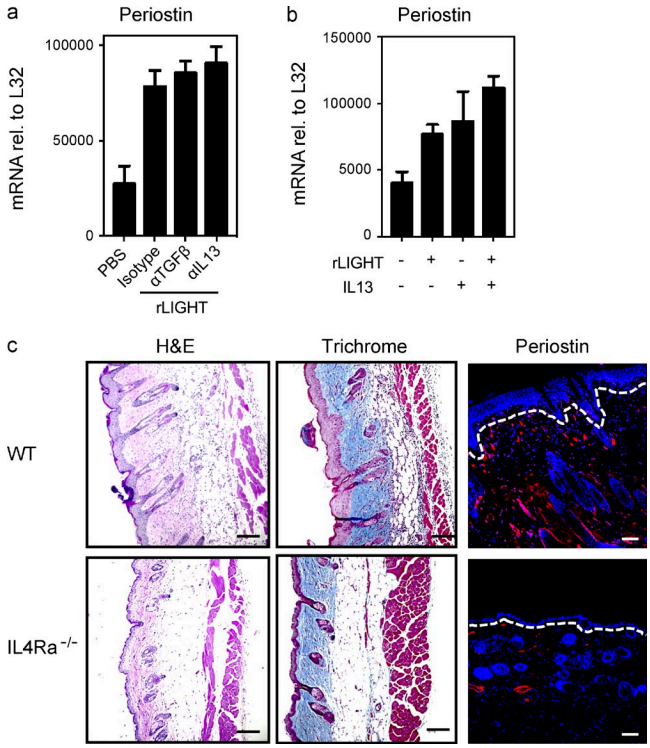

Figure S2. **LIGHT stimulates periostin expression independently of IL-13 and TGF-β. (a)** mRNA expression of periostin in mouse keratinocytes stimulated with rLIGHT in the presence of anti–IL-13, anti–TGF-β, or isotype control for 72 h. **(b)** mRNA expression of periostin in mouse keratinocytes stimulated with rLIGHT, rIL-13, or rLIGHT plus rIL-13 for 72 h. Data represent means ± SEM from three replicate cultures and are representative of two experiments. **(c)** H&E, Masson's trichrome blue, and periostin stains of skin biopsy specimens of WT and IL4Rα$^{-/-}$ BALB/c mice injected s.c. with rLIGHT for 2 d. Data are representative of four mice per group. Bars, 200 µm.

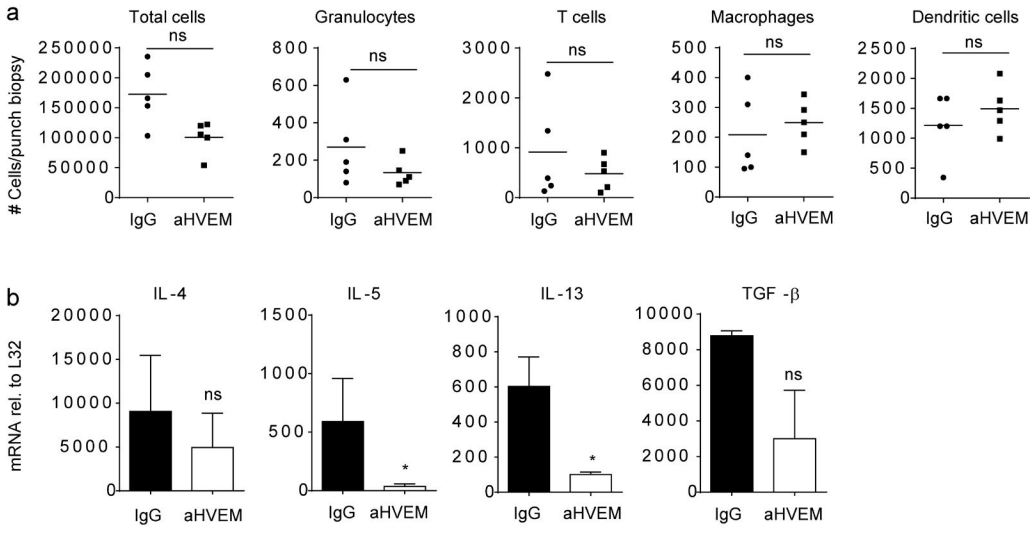

Figure S3. **WT mice were sensitized epicutaneously with HDM/SEB and treated with anti-HVEM or IgG starting on day 7 as in Fig. 4 (a–c). (a)** Quantitation of indicated cell populations in skin biopsy specimens by flow cytometry. Data are from individual mice. **(b)** mRNA expression of IL-4, IL-5, IL-13, and TGF-β in skin biopsy specimens. Data represent means ± SEM from five mice, with similar data in three experiments. *, $P < 0.05$. All statistical data were generated using the Mann–Whitney test.