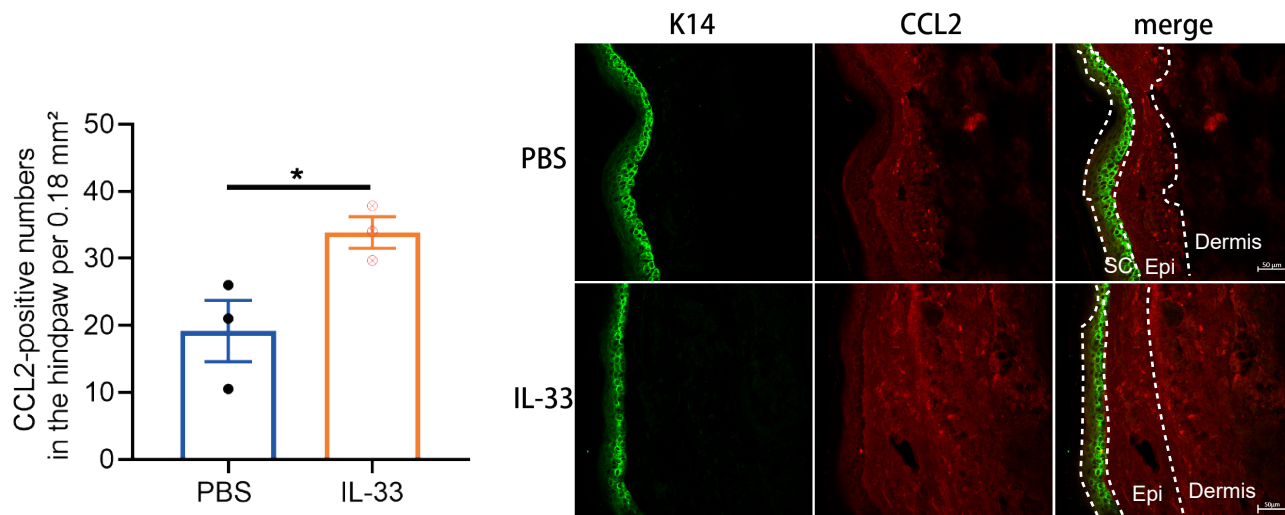
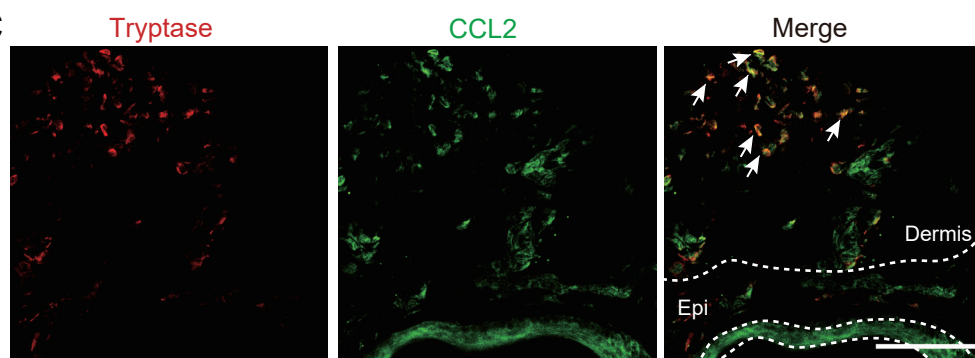
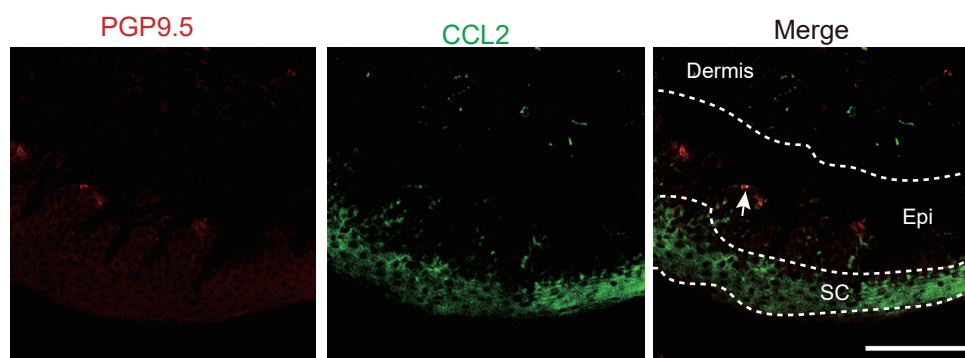
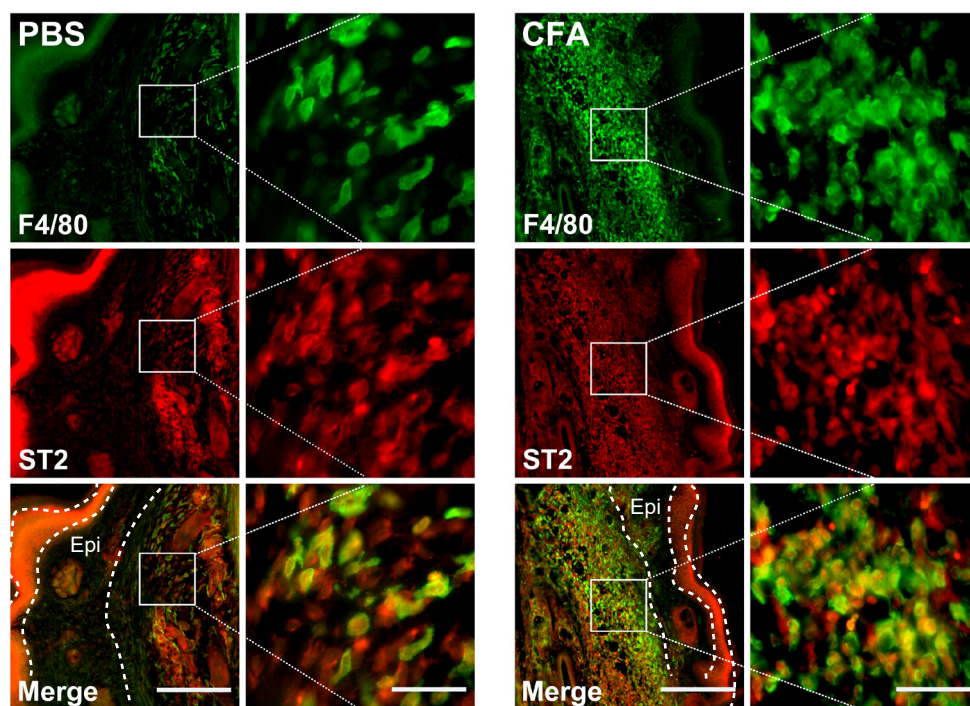
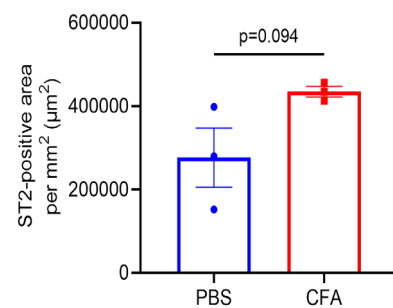
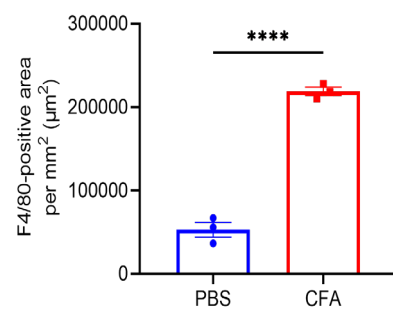
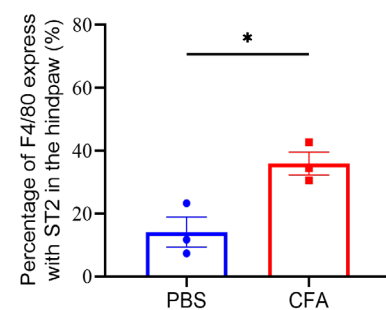


A**C****D****E****F****G****H**

Supplementary Figure S4. Expression of CCL2 and ST2 in the hindpaw in IL-33-induced and CFA-induced models.

(A) CCL2-positive numbers were increased in the hindpaw skin in IL-33-treated mice (n=3 mice).

(B) CCL2 was not colocalized with keratinocyte marker (K14) (n = 3 mice, scale bar: 50 μ m).

(C) CCL2 colocalized with mast cell marker (tryptase) in hindpaw skin (n = 3 mice, scale bar: 100 μ m).

(D) CCL2 rarely colocalized with nerve endings in the hindpaw skin (tryptase) (n = 3 mice, scale bar: 100 μ m).

(E) Co-staining of ST2 and F4/80 in the hindpaw skin at day 3 after CFA injection (n = 3 mice, scale bar: 250 μ m for original view and 50 μ m for magnification view).

(F) Quantification of ST2-positive area in(E) (n = 3 mice).

(G) Quantification of F4/80-positive area in(E) (n = 3 mice).

(H) Percentage of macrophages express ST2 in the hindpaw skin at day 3 after CFA injection (n=3 mice).

Data are presented as mean \pm SEM. * $p < 0.05$, **** $p < 0.00001$. Unpaired t -test for (A, F-H). The skin layers are stratum corneum (SC), epidermis (Epi) and Dermis.