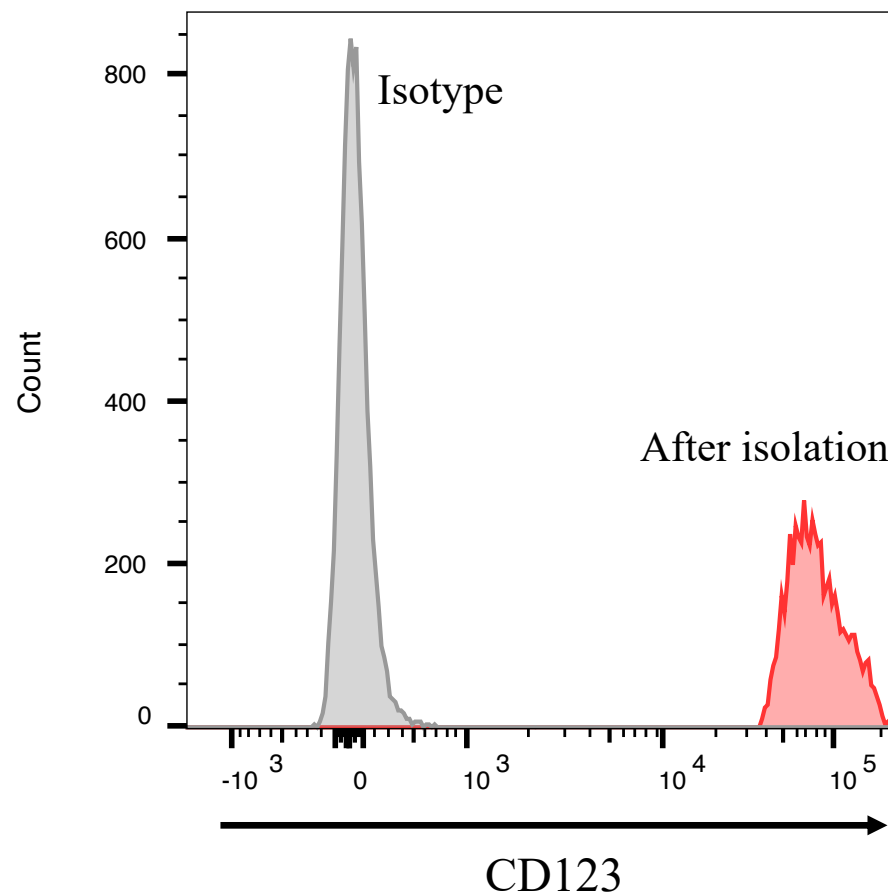
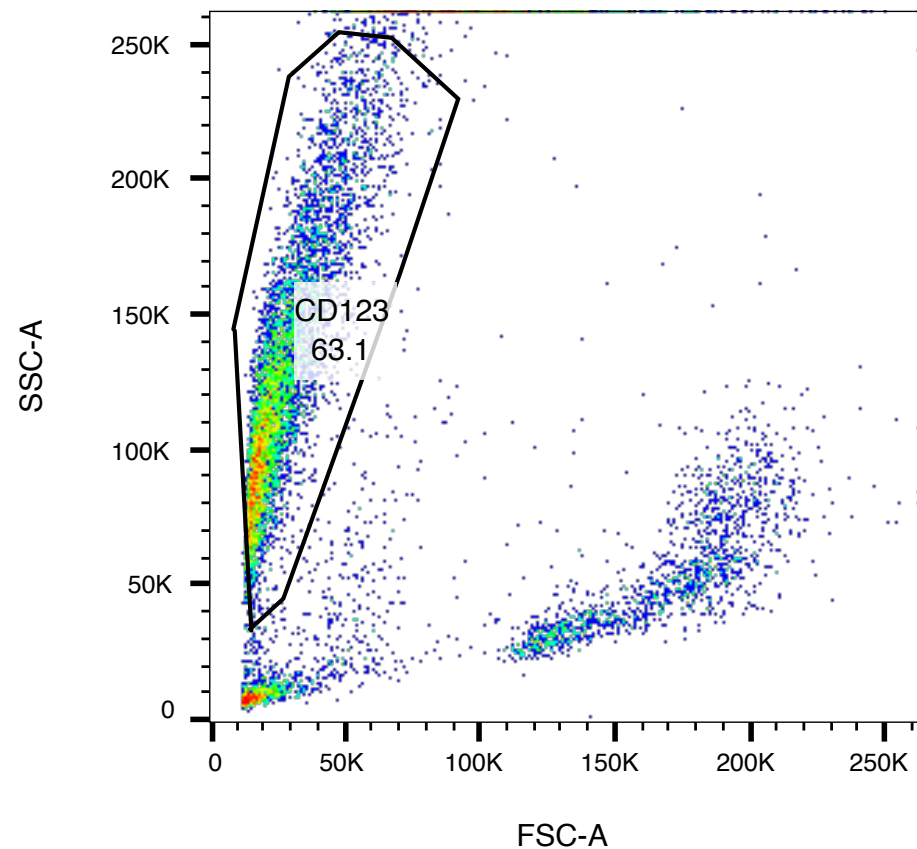
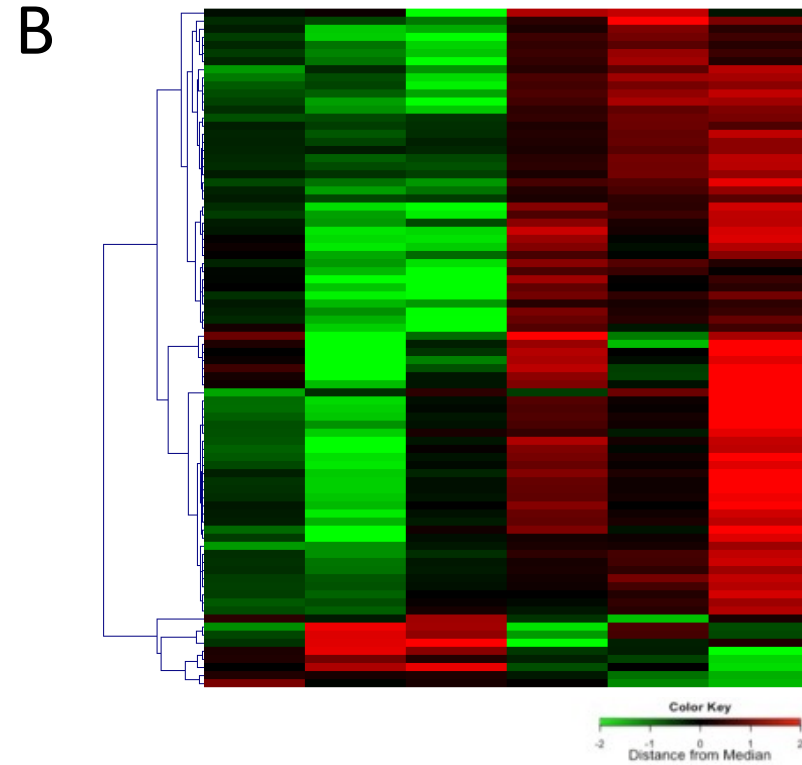
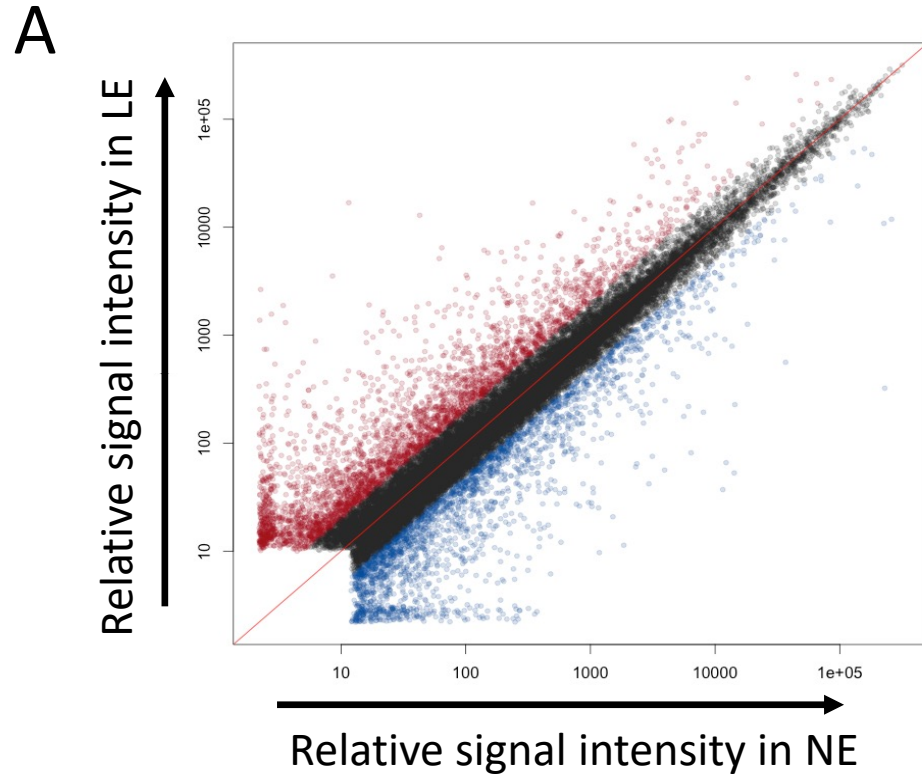




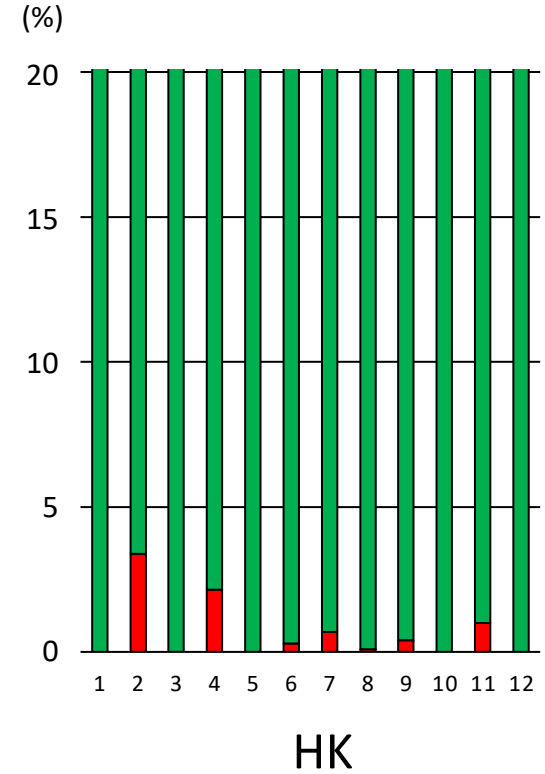
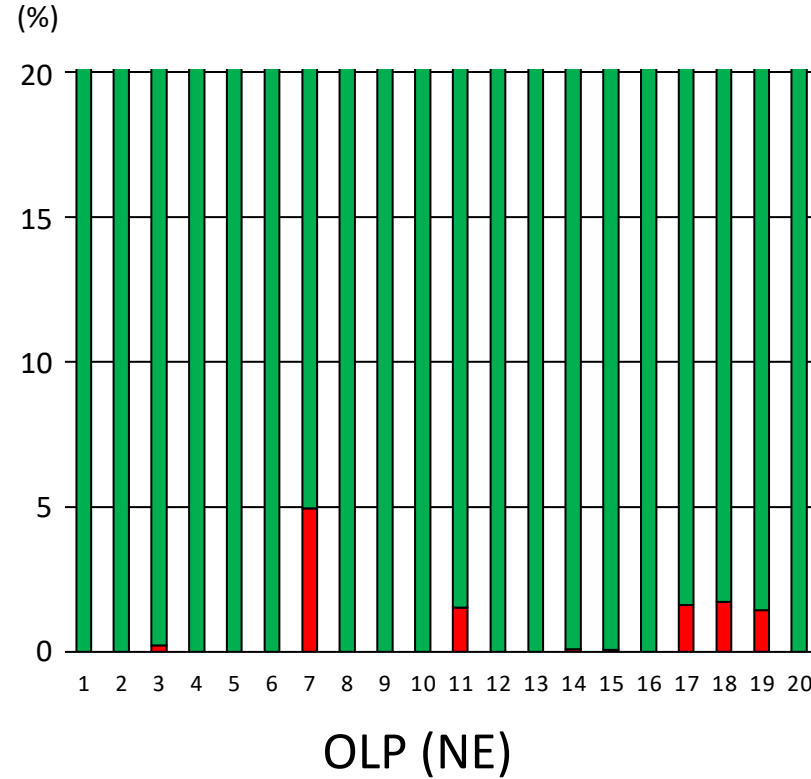
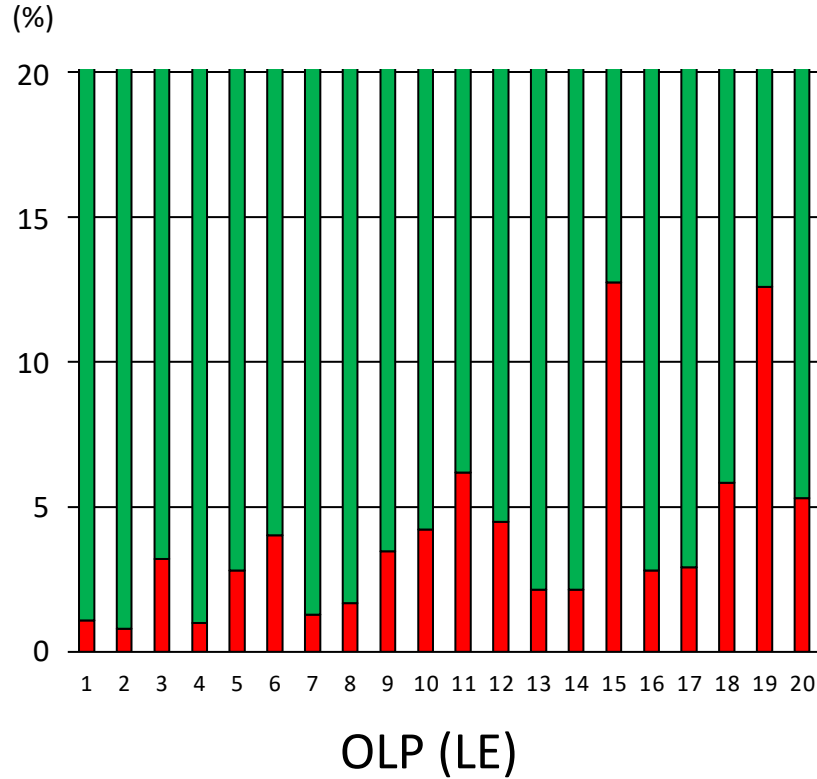
Supplementary Figure 1. Purity of the isolated CD123⁺ cells were as determined by flow cytometric analysis. The detailed methods for isolating cells are described in the Materials and methods section.



Supplementary Figure 2. Gene expression patterns in the lesional epithelium (LE) and normal epithelium (NE) from patients with oral lichen planus (OLP). **A**, Scatterplot analysis to elucidate and visualize the differences in gene expression between the LE and NE. Pink dots showed up-regulated genes and blue dots showed down-regulated genes in LE compared with NE. **B**, Heat map showed statistically significantly different in gene expression levels between the LE and NE. Colors represented the distance from the median values. Red blocks indicated high, green blocks low, and black blocks the median values.

Tissue quantification

CD4⁺RORγt⁺ Th17 cells
CD4⁺T cells



Supplementary Figure 4. Quantification of CD4⁺RORγt⁺ and CD4⁺RORγt⁻ cells in tissue biopsies from 20 patients with OLP (LE and NE) and 12 patients with hyperkeratosis (HK).