

Supplementary information

Heme oxygenase-1 induction attenuates imiquimod-induced psoriasiform inflammation by negative regulation of Stat3 signaling

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Supplementary information includes five figures.

Supplementary Figure Legends

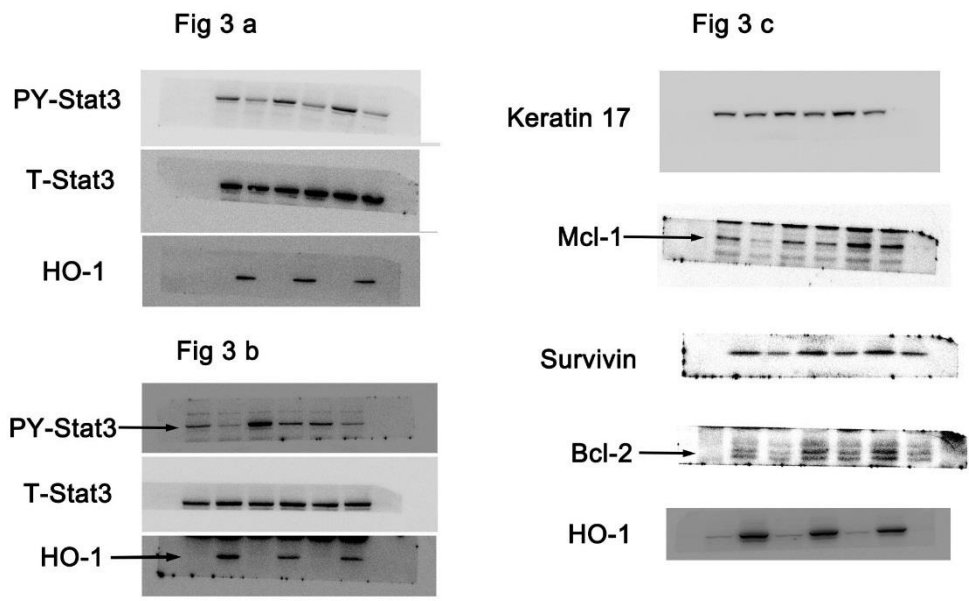
Supplementary Figure 1. HO-1 activation in HaCaT cells inhibits Th17 cytokine-induced Stat3 phosphorylation and downstream gene expression. Full scan images of immunoblots for main figures.

Supplementary Figure 2. Altered HO-1 expression levels by recombinant expression or RNAi also influence Stat3 activation in keratinocytes. Full scan images of immunoblots for main figures.

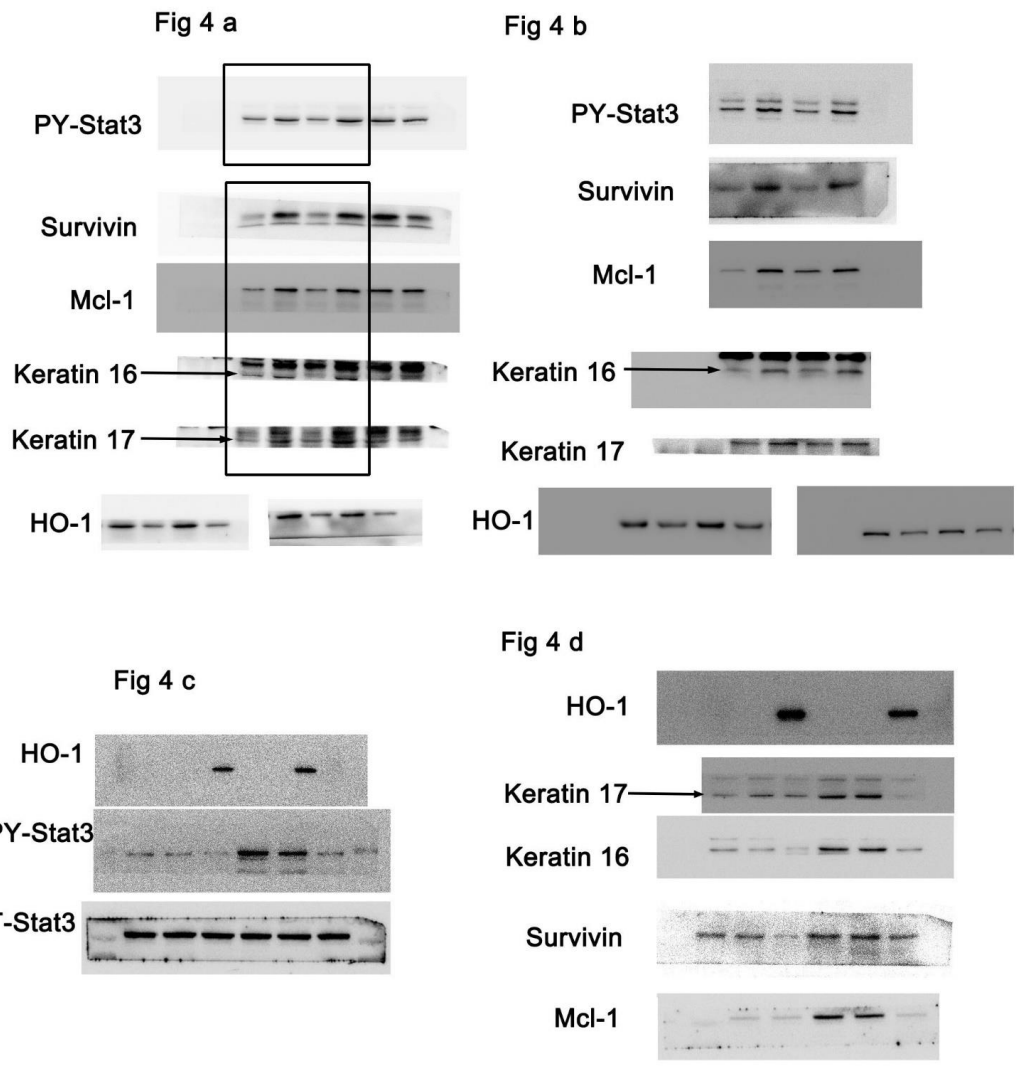
Supplementary Figure 3. HO-1-induced Stat3 inactivation is mediated by SHP-1. Full scan images of immunoblots for main figures.

Supplementary Figure 4. HO-1 inhibited Stat3 activation in normal human keratinocyte through SHP-1 expression. Full scan images of immunoblots for main figures.

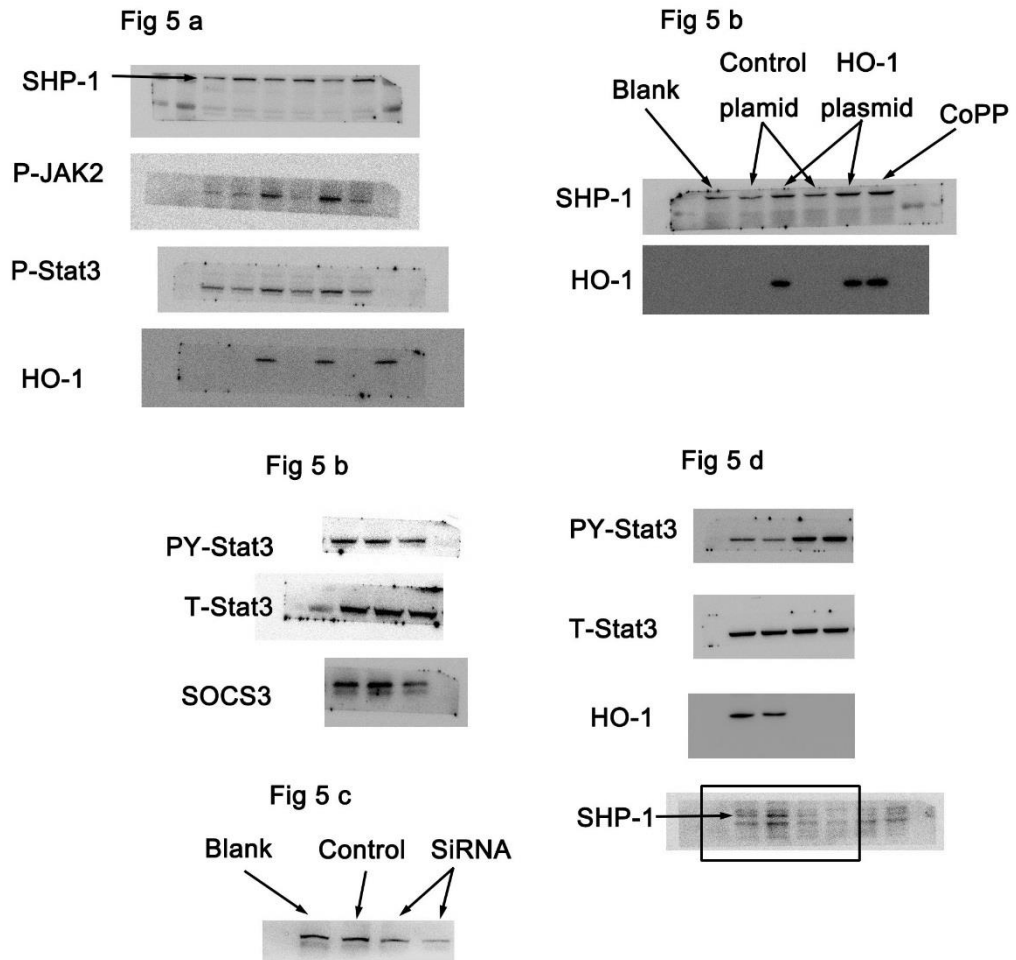
Supplementary Figure 5. Therapeutic effect of HO-1 activators on the IMQ-induced psoriasis mouse model. Full scan images of immunoblots for main figures.



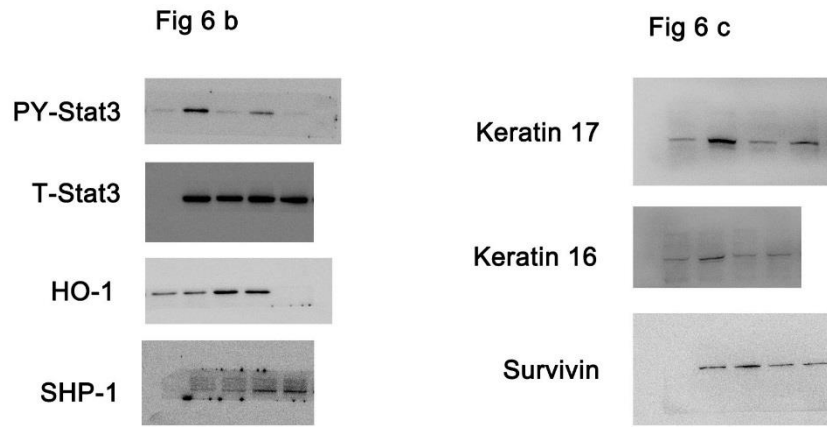
Supplementary Figure 1



Supplementary Figure 2

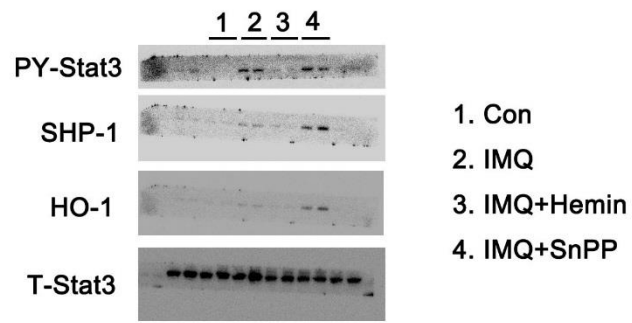


Supplementary Figure 3



Supplementary Figure 4

Fig 7 c



Supplementary Figure 5