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Article

Bivalent Inhibitor with Selectivity for Trimeric MMP-9 Amplifies Neutrophil Chemotaxis and Enables Functional Studies on MMP-9 Proteoforms.

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Received: 9 June 2020; Accepted: 2 July 2020; Published: xx

Supplementary material

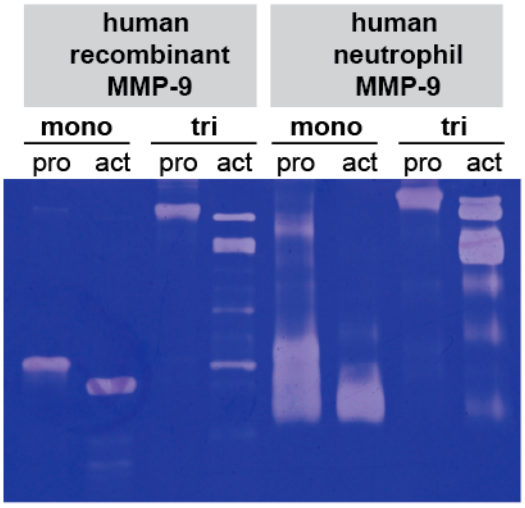

Figure 1. gelatin zymography analysis of human recombinant and human neutrophil-derived MMP-9 monomers and trimers. A shift in molecular weight is observed after activation with the catalytic domain of MMP-3.

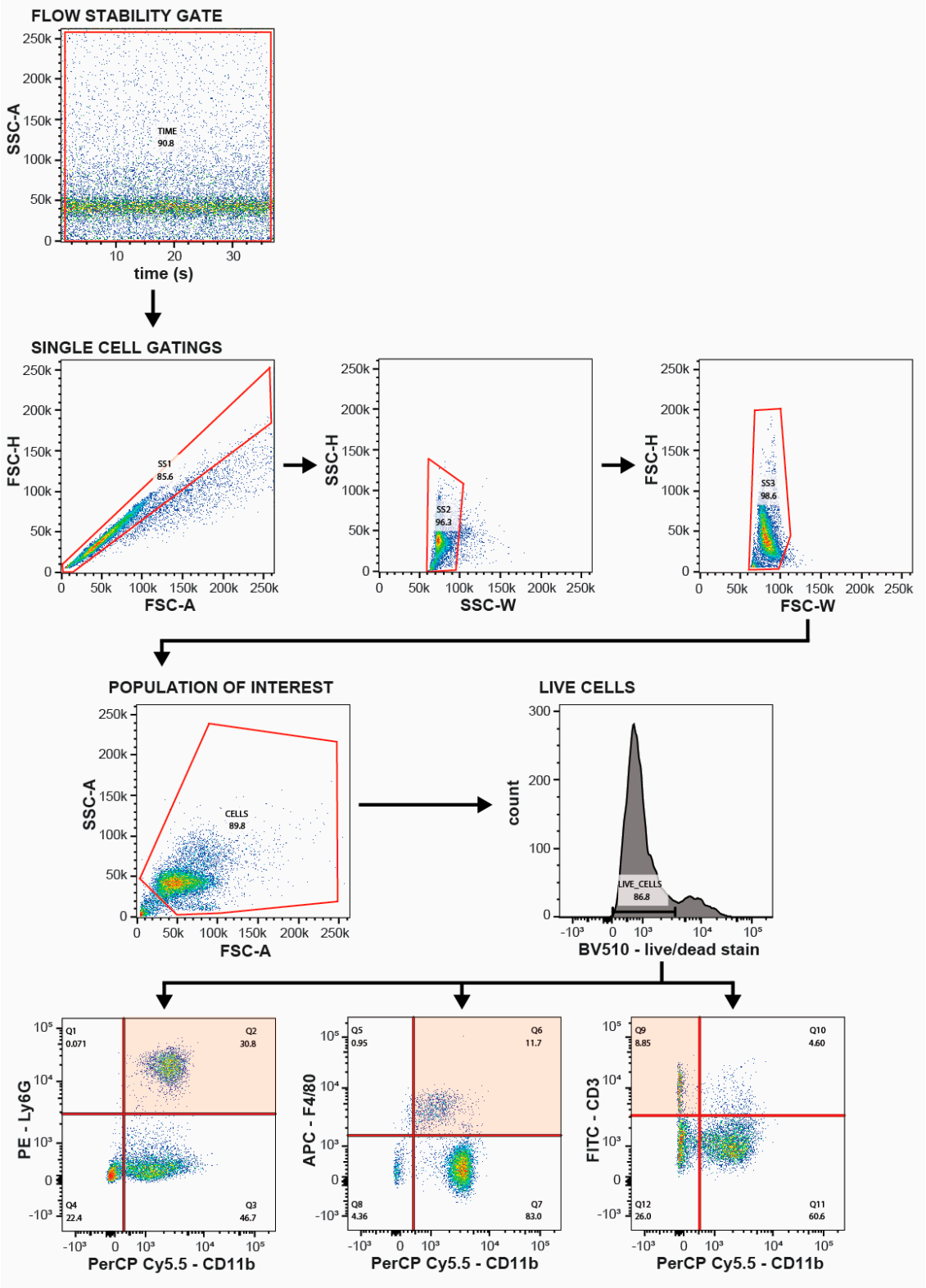

Figure 2. Flow cytometry gating strategy for cellular identification. Representative flow cytometry dot plots for analysis of $CD11b^{+}Ly6G^{+}$ neutrophils, $CD11b^{+}F4/80^{+}$ monocytes and $CD11b^{-}CD3^{+}$ T lymphocytes from mouse air pouches.

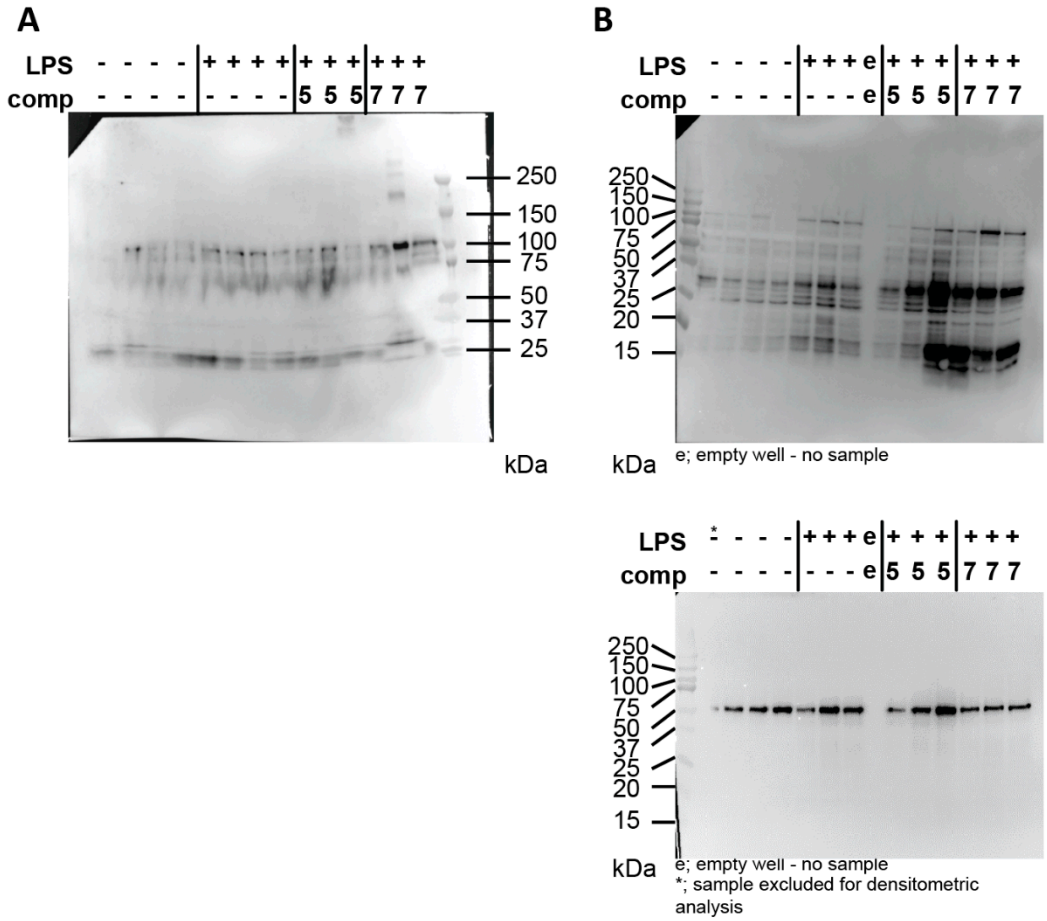

Figure 3. Full images of Western-blot analysis. (**A**) Western-blot analysis of mouse plasma 5 hours after LPS/compound administration. Signal detected with anti-MMP-9 antibody. Full image of Wester-blot analysis shown in Figure 6E. (**B**) Western-blot analysis of mouse lung extract, 5 hours after LPS/compound administration. Top panel; signal detected with anti-MMP-9 antibody. Bottom panel; signal detected with anti-tubulin antibody. Full images of Wester-blot analyses shown in **Figure 6F**. +/- signs indicate, respectively, the presence or absence of LPS (2 μg).