

Supplementary Figures

Phagocyte chemoattraction is induced through the Mcp-1-Ccr2 axis during efferocytosis

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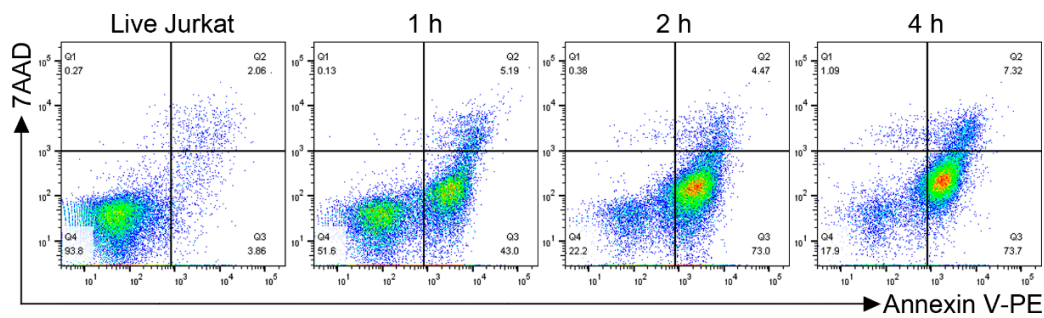


Figure S1. The percentages of apoptotic Jurkat cells after UV irradiation

Jurkat cells in DPBS were irradiated with 100 mJ/cm² ultraviolet-C (UVC) and then incubated in complete RPMI medium at 37°C for the indicated times. After that, the cells were stained with 7AAD and Annexin V and analyzed by flow cytometry.

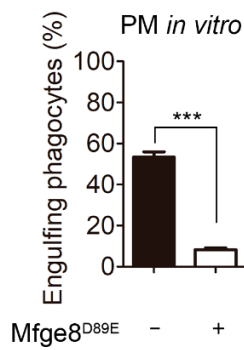


Figure S2. Mfge8^{D89E} abrogates efferocytosis by peritoneal macrophages

Peritoneal macrophages derived from wild-type mice were incubated with TAMRA-labeled apoptotic thymocytes in the presence and absence of Mfge8^{D89E} for 15 min. Then, unbound apoptotic cells were washed with ice-cold DPBS and peritoneal macrophages engulfing apoptotic cells were analyzed by flow cytometry. Data are shown as the mean \pm SEM.

***P<0.001. PM, peritoneal macrophages.

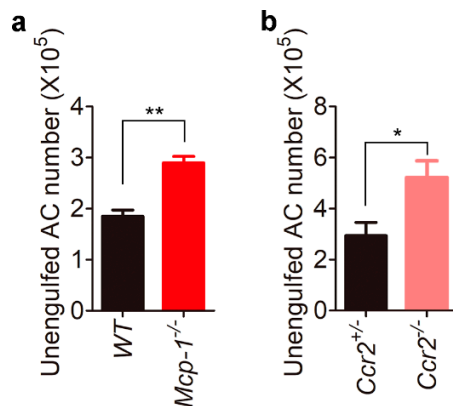


Figure S3. Clearance of apoptotic cells is impaired in *Mcp-1*^{-/-} and *Ccr2*^{-/-} mice

(a) TAMRA-labeled apoptotic thymocytes were intraperitoneally injected into *WT* or *Mcp-1*^{-/-} mice. Two hours after injection, peritoneal exudates were collected, stained with an anti-F4/80 antibody, and analyzed by flow cytometry. The number of TAMRA-positive and F4/80-negative cells per counting bead was determined. (b) CellTracker-labeled apoptotic thymocytes were intraperitoneally injected into *Ccr2*^{+/-} or *Ccr2*^{-/-} mice. Two hours after injection, peritoneal exudates were stained with an anti-F4/80 antibody and analyzed by flow cytometry. The number of CellTracker-positive and F4/80-negative cells per counting bead was determined. Data are shown as the mean \pm SEM. *P<0.05, **P<0.01.