Figure S1. (A) Frozen kidney sections were stained with or without CD3 (red), or CD138 (green) and DAPI (blue) for negative control of Fig. 1B, where primary antibodies were omitted for immunofluorescence measurement (original magnification, x200). (B) Image of agarose gels showing the fragment length denoting the genotype of the fas gene in all of the MRL/MPJ and MRL/lpr mice used in the present study; mutant: 217 bp, WT: 179 bp. (C) Negative control for flow cytometry analyses of $CD138^+$ T cells for figures in the main text. Abnormal T cells express both CD3 and CD138. These results demonstrate that CD138 protein expression in $CD3^+$ T cells in flow cytometry was not the result of fluorescence artifacts or due to PE-cy7 degradation. (D) Flow cytometry analyses showing double negative, $CD4^+$ and $CD8^+$ T cell frequencies in $CD138^+$ T cells of fresh splenocytes from MRL/lpr mice that were cultured *in vitro* for 0, 48 and 72 h, respectively. (E) Bar charts demonstrating $CD4^+$ and $CD8^+$ T cell frequencies in splenocytes from MRL/lpr mice with or without 4 h *in vitro* ionomycin stimulation. (F) Bar charts demonstrating $CD4^+$ and $CD8^+$ T cell frequencies in splenocytes from MRL/lpr mice that were cultured *in vitro* for 0 and 24 h without stimulation. n=4-5 per group/experiment. $^*P<0.05$ and $^{**}P<0.01$ by one-way analysis of variance. MRL/lpr, Murphy Roths Large lymphoproliferative; PI, ionomycin; FMO, fluorescence minus one.