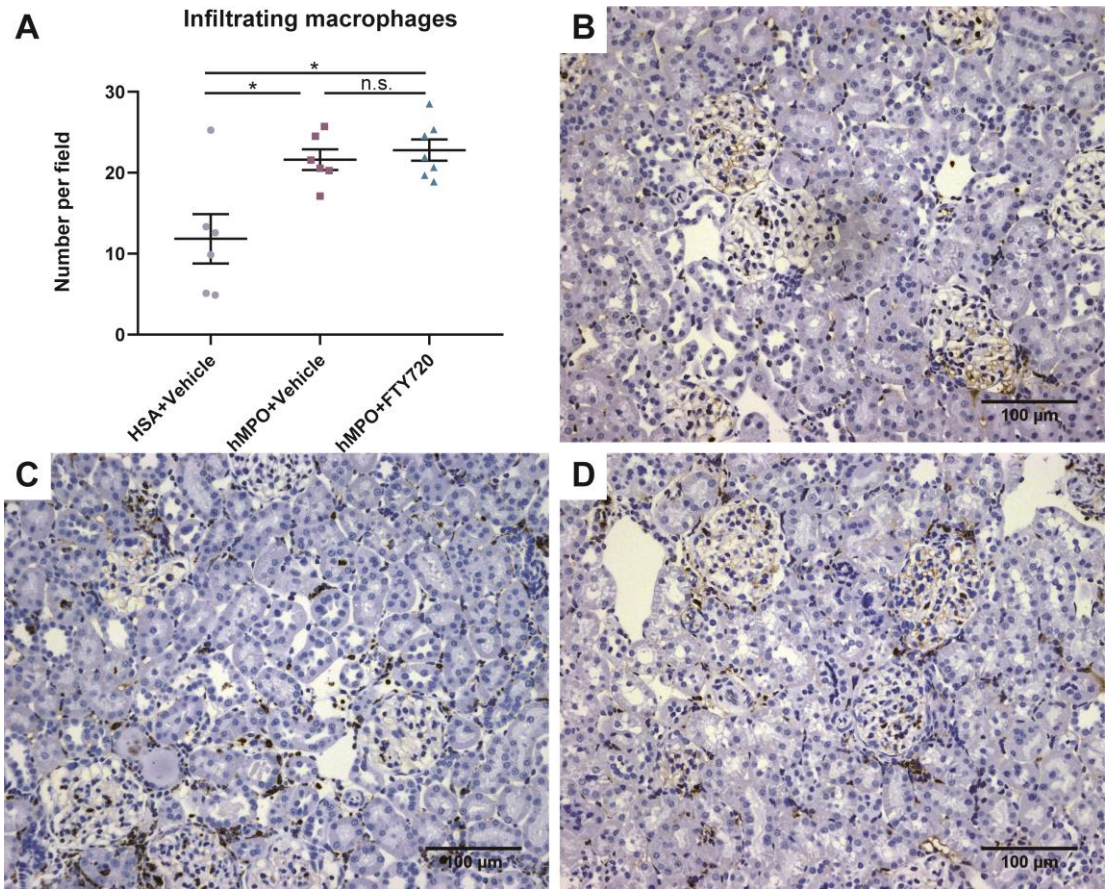

Figure S1.FTY720 did not influence the renal infiltration of CD68+ macrophages.

(**A**) An exacerbated renal infiltration of macrophages was found in EAV, which was not alleviated with FTY720 treatment. Representative immunohistochemistry staining for CD68+ macrophages in renal specimens of normal control (**B**), EAV (**C**) or EAV treated with FTY720 (**D**), Bar = 100 μm. Data represent means ± standard errorfrom six to seven rats per group. **P* < 0.05, ***P* < 0.01 compared with HSA or hMPO treated rats. n.s. no significance.

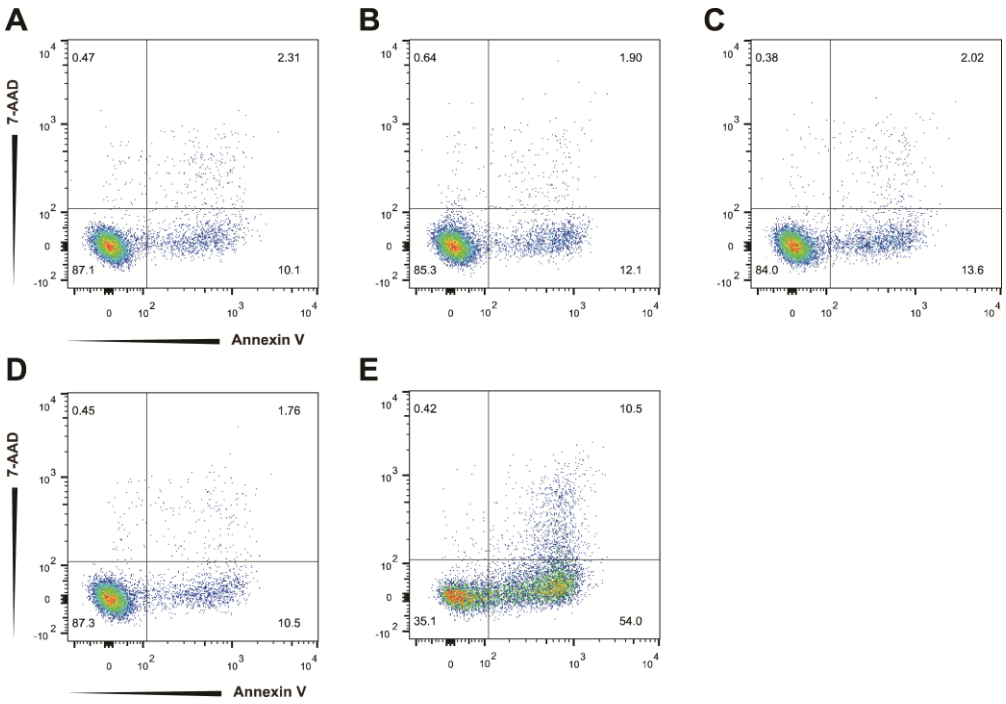

Figure S2. Representative flow cytometry scatter plots of E6-1 T cells apoptosis upon FTY720 treatment.

(**A**) T cells treated with normal serum and vehicle. (**B**) T cells treated with AAV serum and vehicle. (**C**) T cells treated with AAV serum and 100 nM FTY720. (**D**) T cells treated with AAV serum and 1 μM FTY720. (**E**) T cells treated with AAV serum and 10 μM FTY720. Viable cells were PE Annexin V and 7-AAD negative. Early apoptotic cells were PE Annexin V positive and 7-AAD negative. Late apoptotic or already dead cells were PE Annexin V and 7-AAD positive. Shown are representative scatter plots out of six samples per group.

Table S1. Primary antibodies used for flow cytometry or immunohistochemistry

Antibody	Host	Catalog number	Dilution	Application
FITC anti-rat CD3	Mouse	201403	1:200	Flow cytometry
FITC Mouse IgM, κ Isotype Ctrl	Mouse	401606	1:200	Flow cytometry
APC/Cy7 anti-rat CD4	Mouse	201518	1:50	Flow cytometry
APC/Cy7 Mouse IgG1, κ Isotype Ctrl	Mouse	400128	1:50	Flow cytometry
PerCP anti-rat CD8a	Mouse	201712	1:50	Flow cytometry
PerCP Mouse IgG1, κ Isotype Ctrl	Mouse	400148	1:50	Flow cytometry
PE/Cy7 anti-rat CD45RA	Mouse	202316	1:100	Flow cytometry
PE/Cy7 Mouse IgG1, κ Isotype Ctrl	Mouse	400126	1:100	Flow cytometry
CD4 (D7D2Z) monoclonal antibody	Rabbit	25229	1:100	Immunohistochemistry
CD8 (SP16) monoclonal antibody	Rabbit	MA5-14548	1:100	Immunohistochemistry
CD68 (ED1) monoclonal antibody	Mouse	MCA341R	1:100	Immunohistochemistry