Gating strategies for flow cytometric analyses. (A) NK cells were gated as CD45+/CD3-/NK1.1+ lymphocytes and were divided into four subsets according to CD27 and CD11b expression. The example refers to the brain but similar analyses were performed for the bone marrow and spleen. T lymphocytes (CD45+/CD3+/NK1.1- cells) and NKT lymphocytes (CD45+/CD3+/NK1.1+ cells) were also evaluated. (B) Microglia was identified as CD45low/CD11b+/Ly6C-/Ly6G- cell population. (C) Brain associated monocytes/macrophages were defined as CD45+/CD11b+/Ly6C+ cells. (D) NK cell analysis in the spleen of mice treated with anti-NK1.1 Ab. Evaluation of the NK cell frequency confirms the successful NK cell depletion. Numbers in the plots indicate percentage of parent cells.

