Supplementary Data

Anti-Amyloid-β Single-Chain Antibody Brain Delivery Via AAV Reduces Amyloid Load But May Increase Cerebral Hemorrhages in an Alzheimer's Disease Mouse Model

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Supplementary Figure 1. CD11b-immunoreactive microglia in the hippocampus. a-d) Brain sections from mice injected with PBS (a), rAAV5-CAscFv-Gag (b), and rAAV5-CAscFv59 (c) were stained with anti-CD11b antibody and quantified by morphometric analysis (d). Scale bars are $200 \,\mu$ m (a-c). d) CD11b-immunoreactive area percentages in the hippocampus are shown as a bar graph (means \pm S.E.M.).



Supplementary Figure 2. CD45-immunoreactive cells in the hippocampus. a-d) Brain sections from mice injected with PBS (a), rAAV5-CAscFv-Gag (b), and rAAV5-CAscFv59 (c) were stained with anti-CD45 antibody and quantified by morphometric analysis (d). Scale bars are 200 μ m (a-c). d) CD45-immunoreactive area percentages in the hippocampus are shown as a bar graph (means \pm S.E.M.).



Supplementary Figure 3. Reactive astrocytes visualized by GFAP antibody in the hippocampus. a-d) Brain sections from mice injected with PBS (a), rAAV5-CAscFv-Gag (b), and rAAV5-CAscFv59 (c) were stained with anti-GFAP antibody and quantified by morphometric analysis (d). Scale bars are 200 μ m (a-c). d) GFAP-immunoreactive area percentages in the hippocampus are shown as a bar graph (means \pm S.E.M.).