



Supplementary Figure 4: Absence of microglial accumulation in 65-day old $Ccr2$ deficient *APP* mice. Immunohistochemistry staining for microglia using HRP-coupled IB4. **a.** WT. **b.** $Ccr2^{-/-}$. **c.** *APP*. **d.** *APP-Ccr2^{+/-}*. **e.** *APP-Ccr2^{-/-}* brain sections. These data show increased microglial staining in 65-day old *APP* mice but not in age-matched *APP-Ccr2^{+/-}* and *APP-Ccr2^{-/-}* brains. Control sections were stained in the absence of IB4 and showed no background staining (not shown). These data confirm the results obtained by immunohistochemistry with anti-Cd11b antibodies and flow cytometry with anti-Cd11b and anti-Cd45 antibodies (Fig. 3, 4). Each section is representative from n= 3 mice/genotype. original magnification 400x.