



Fig. S6 Flow cytometry gating strategy monocyte subsets used in all figures that presenting monocyte subsets modulation.

Representative gating strategy for $CD11b^+$ $CD115^+$ monocytes and $Ly6C$ monocyte subsets for all experiments and mouse models. To identify absolute counting of cell populations, 123count eBeads™ were gated. Bead population excluded and doublet discrimination are performed with a singlet gate (FSC-H/FSC-A dot blot). Dead/live analysis was performed for CNS samples (not shown). Next, $CD45^+/CD11b^+/Ly6G^+$ cells were considered as neutrophils. Neutrophil cell population was gated out. Next monocytes were identified with $CD45$, $CD11b$ and $CD115$ expression. Monocyte subsets were further subdivided in three populations based on the expression of $Ly6C$: $Ly6C^{high}$, $Ly6C^{int}$ and $Ly6C^{low}$ which correspond respectively to inflammatory, intermediate and patrolling monocytes. Pictures were adopted from [1].