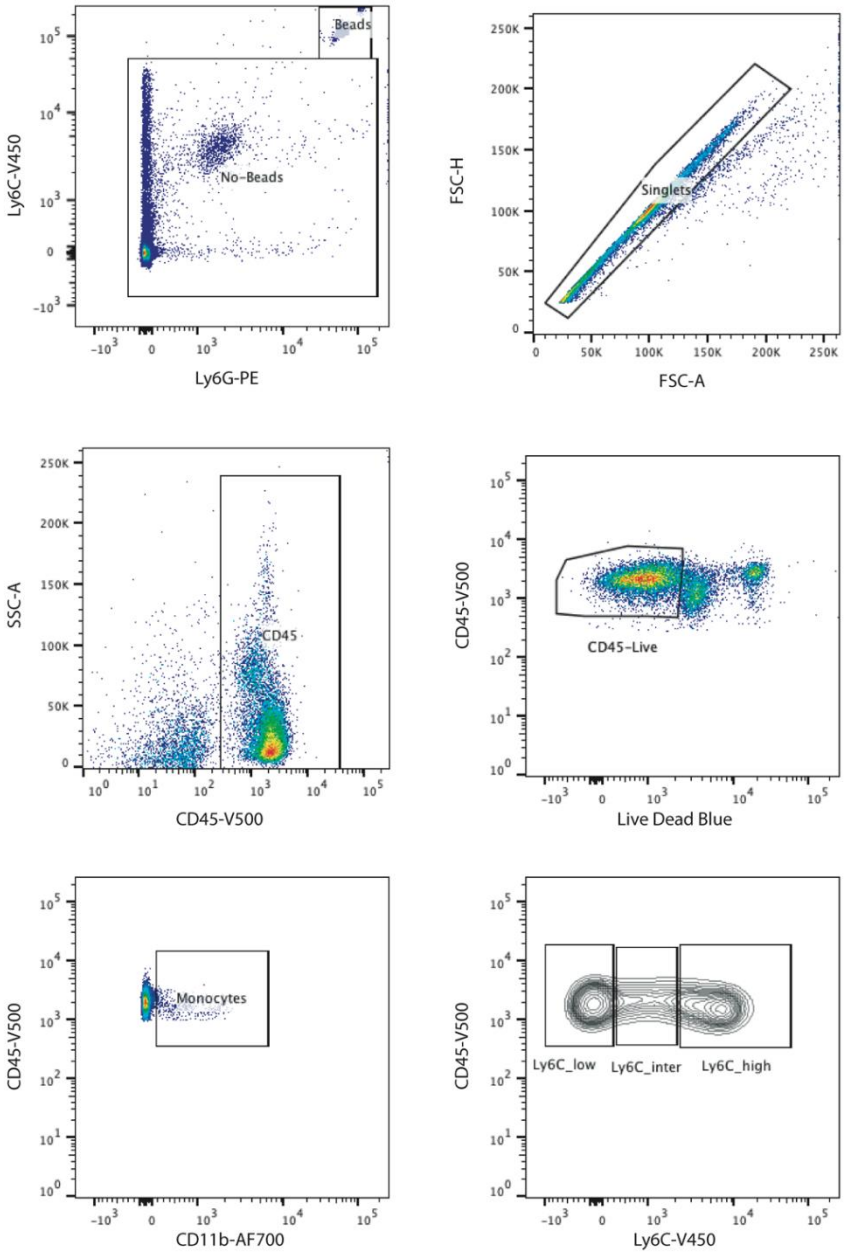


Figure S1. Flow cytometry gating strategy. Representative gating strategy for CD11b^{+} and Ly6C monocyte subsets from WT mice as measured by flow cytometry. First, 123count eBeads™ are gated with Ly6G-PE and Ly6C-V450 to determine absolute counting of cell population. After excluding the bead population, doublet discrimination is performed with a singlet gate (FSC-H/FSC-A dot blot). Only viable cells are evaluated, identified by CD45+ and low Live/dead (Blue-fluorescent reactive Dye). Next, monocytes are identified as CD45+/CD11b+. After the monocyte cell population selection, monocytes subsets were subdivided in three populations based on the Ly6C expression: Ly6C^{hi}, Ly6C^{int} and Ly6C^{low} correspond respectively to inflammatory, intermediate, and patrolling monocytes.

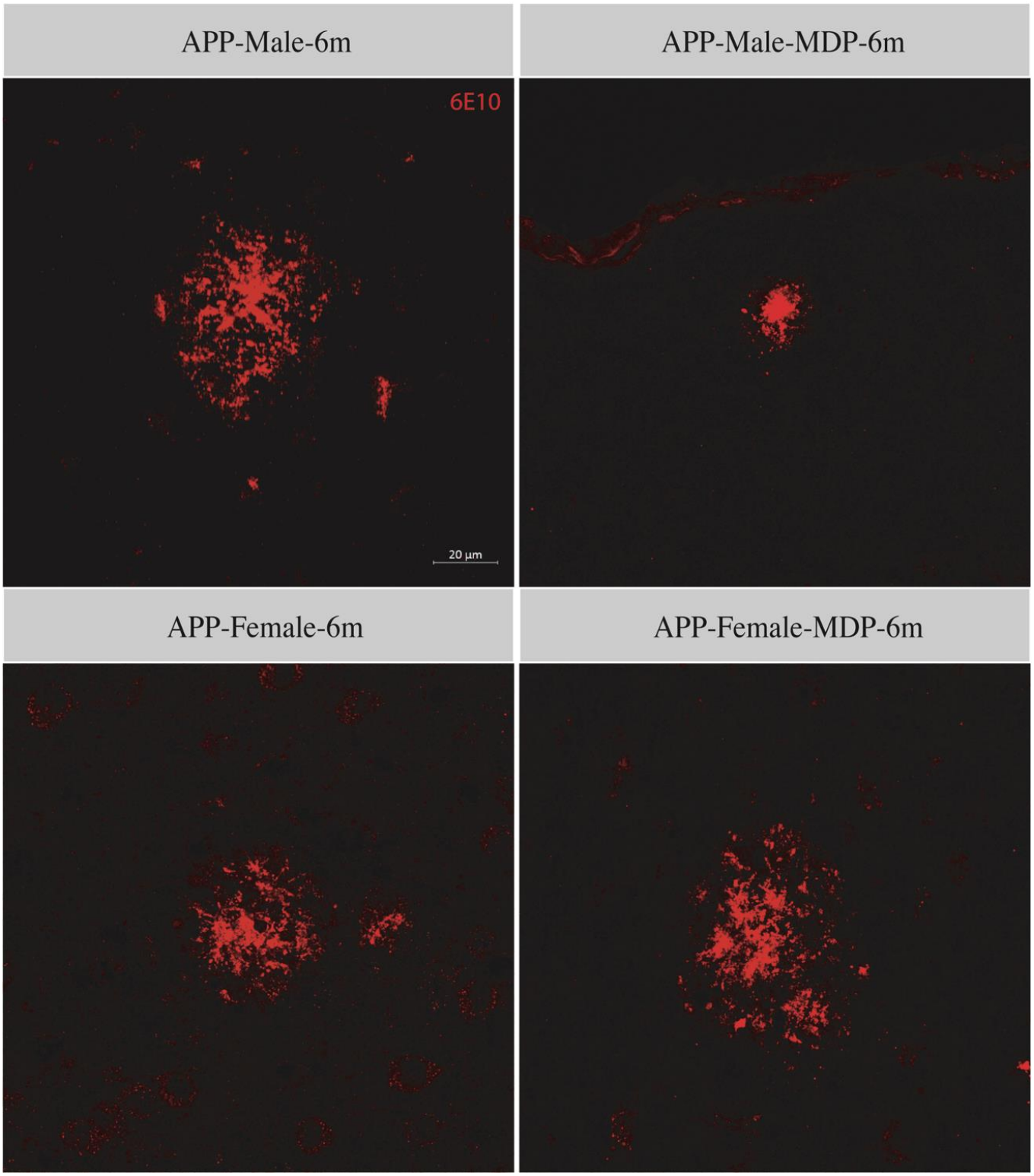


Figure S2. Representative images of 6E10 (Aβ in red) in male or female Wild-type and APP_{Swe}/PS1 treated or not with MDP from 3 to 6 month old. Scale bar = 20 µm.

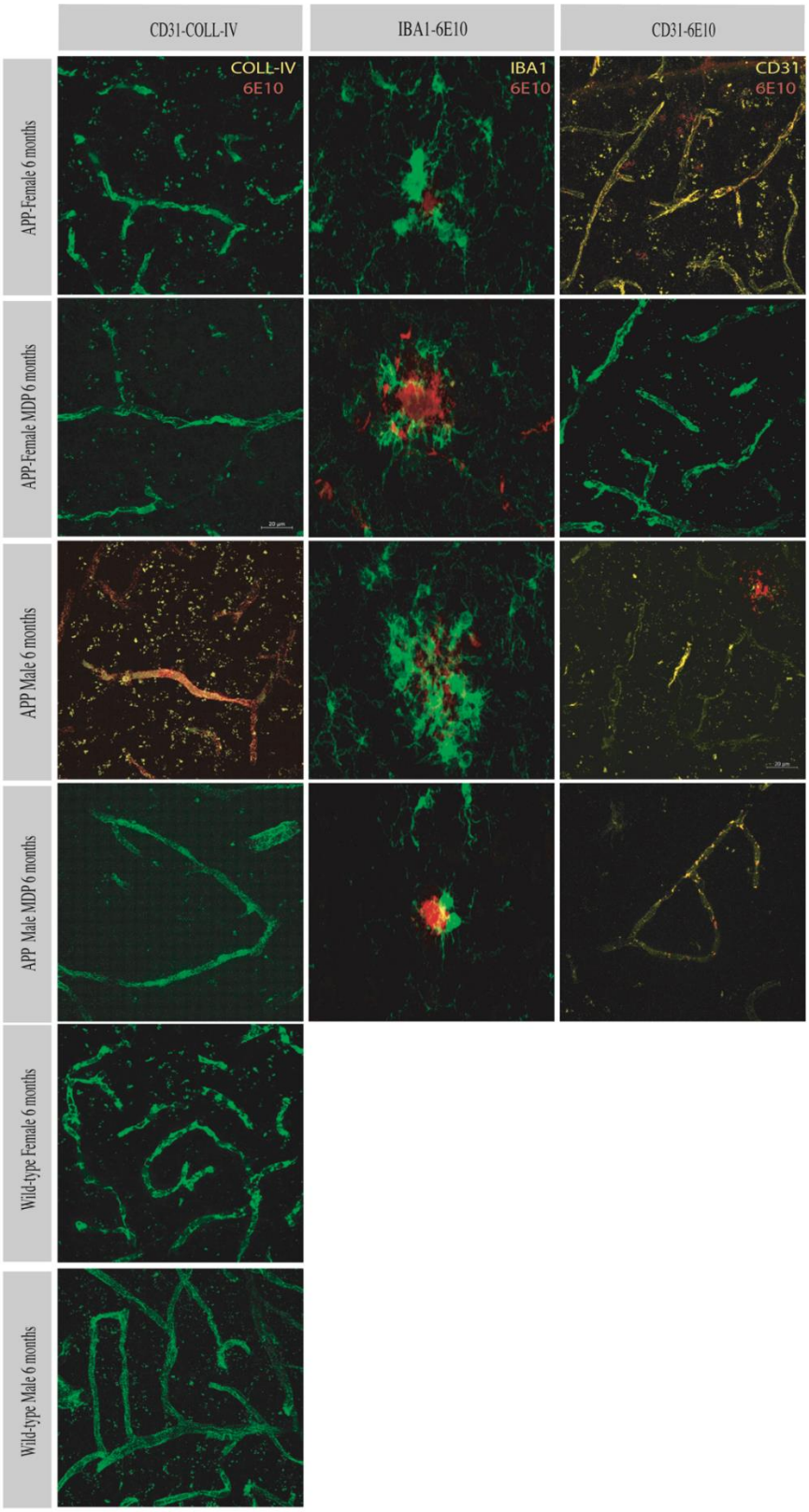


Figure S3. Representative images of CD31 (blood vessels in green) and COLLIV (red) in male or female Wild-type and APP_{Swe}/PS1 treated or not with MDP from 3 to 6 month old. Scale bar = 20 μm. Representative images of IBA-1 (microglia in green) and 6E10 (red) in male or female APP_{Swe}/PS1 mice treated or not with MDP. Representative images of CD31 (blood vessels in green) and 6E10 (red) on male or female APP_{Swe}/PS1 mice treated or not with MDP. Scale bar = 20 μm.