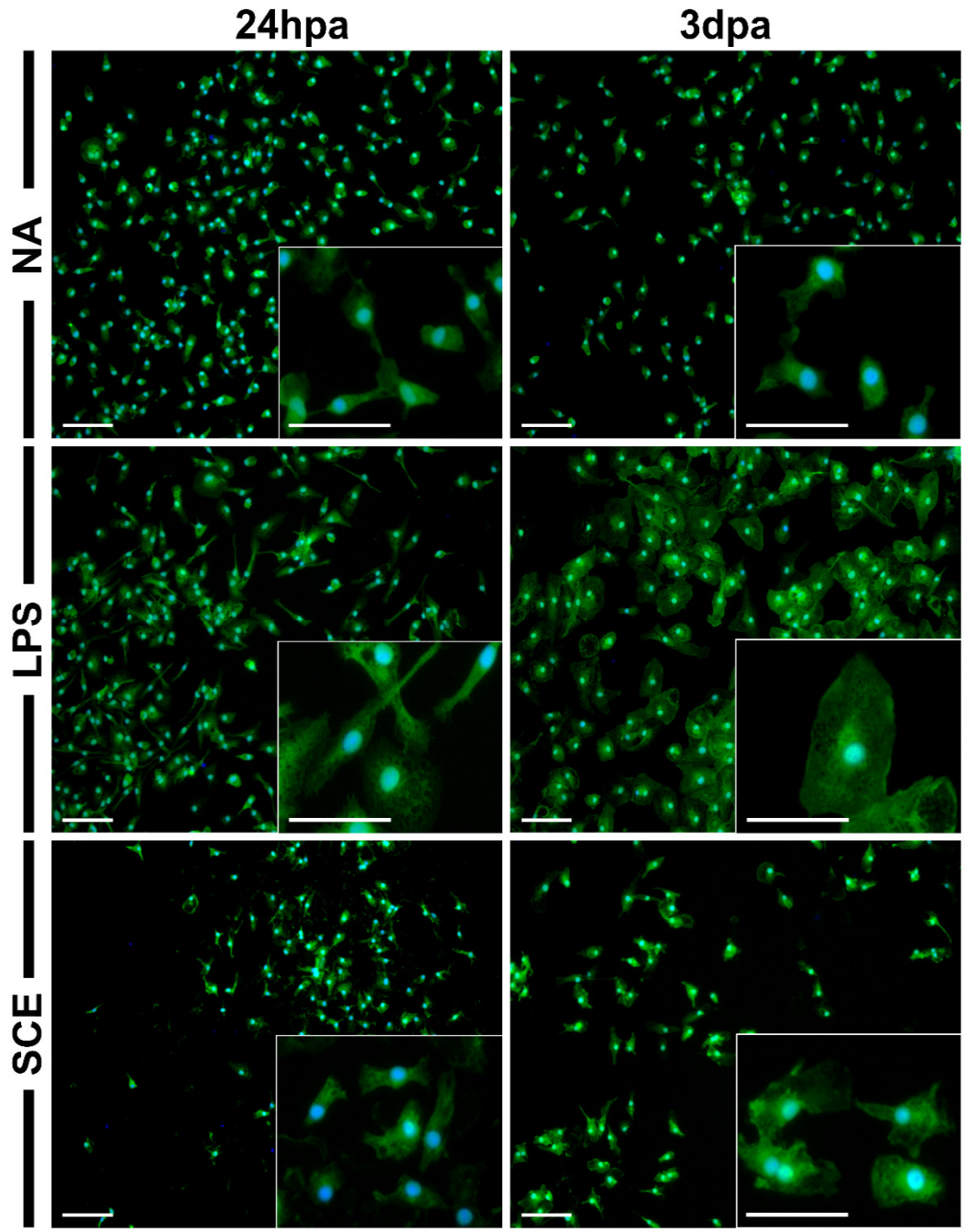

Figure S1. Microscopic analysis of microglia cell cultures. Representative images of non-activated (NA) microglial cells and after activation with 100 ng/mL of lipopolysaccharide (LPS) or with 200 μg/mL of lesioned spinal cord extract (SCE) at 24 h post-activation (hpa) and 3 days post-activation (dpa). Scale bars in low magnification images represent 100 μm, while scale bars in high magnification images represent 50 μm.

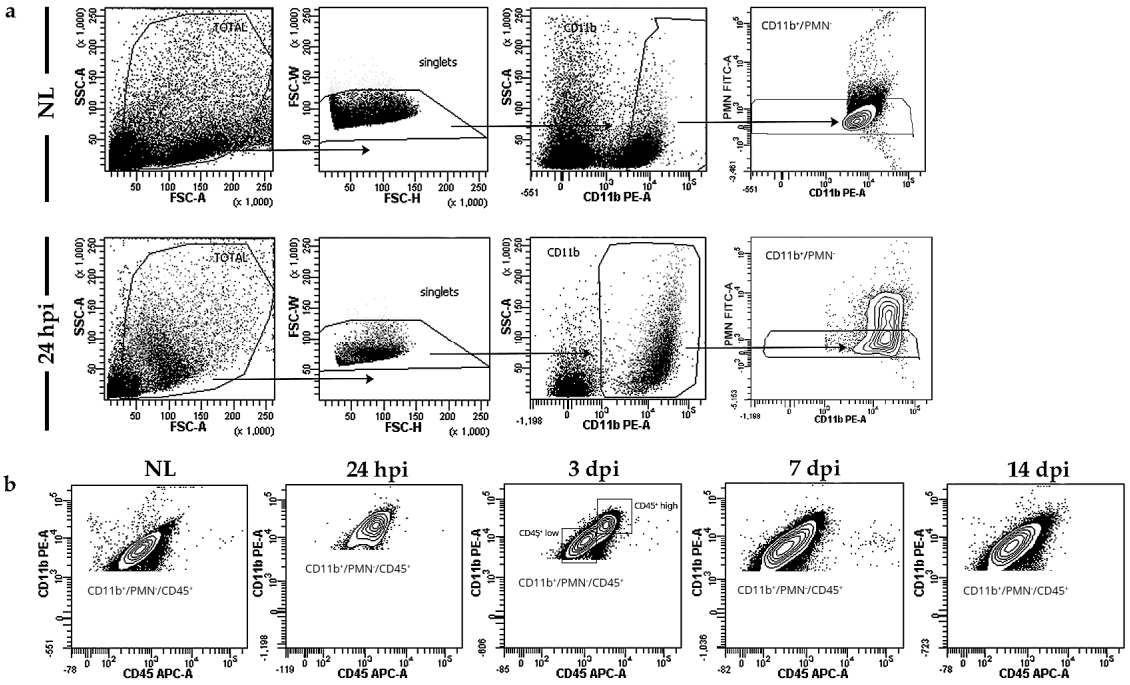

Figure S2. Gating strategy for rat microglia that were isolated by fluorescent-activated cell sorting (FACS). (**a**) Representative plots of non-lesioned (NL) and 24 h post-injured spinal cord (hpi) showing how microglia and macrophages were gated ($CD11b^+/PMN^-$). (**b**) Representative setting from CD45 sorting, showing how $CD45^+$ low and high subpopulations of microglia were tried to be gated. The only point of the time course where we were able to discriminate low and high $CD45^+$ subpopulations over the $CD11b^+/PMN^-$ cells was 3 days post-injury (dpi).