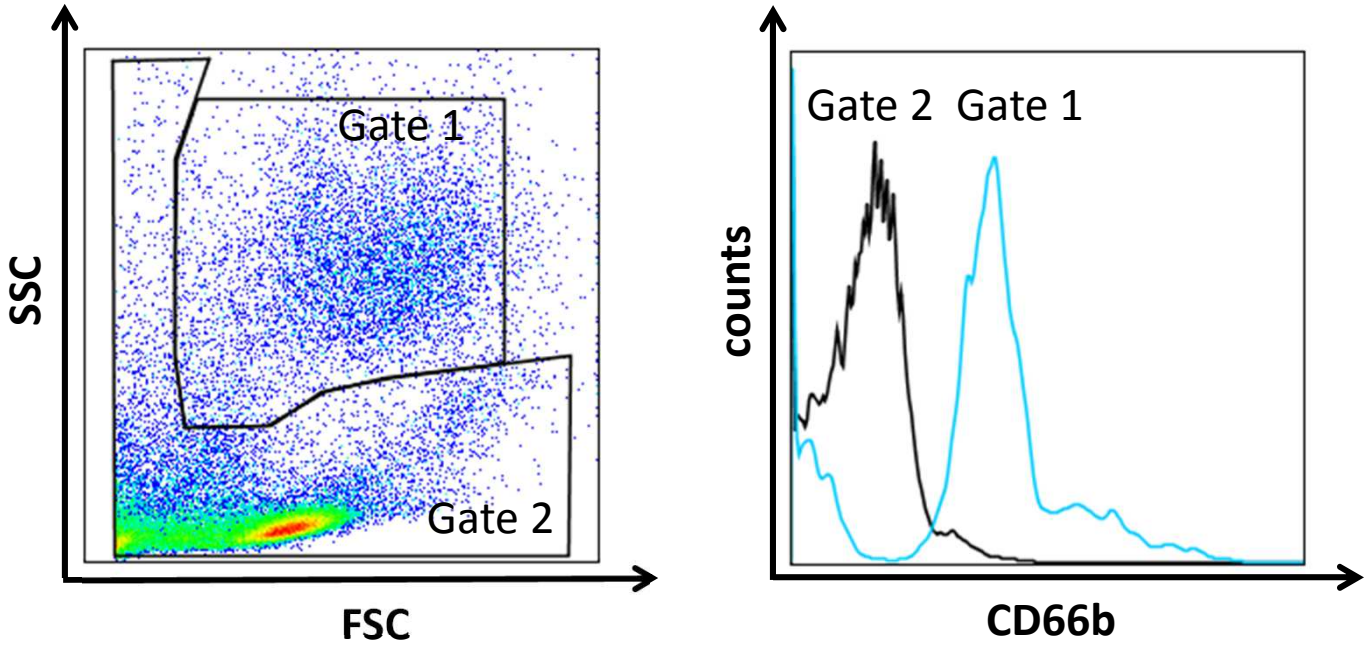
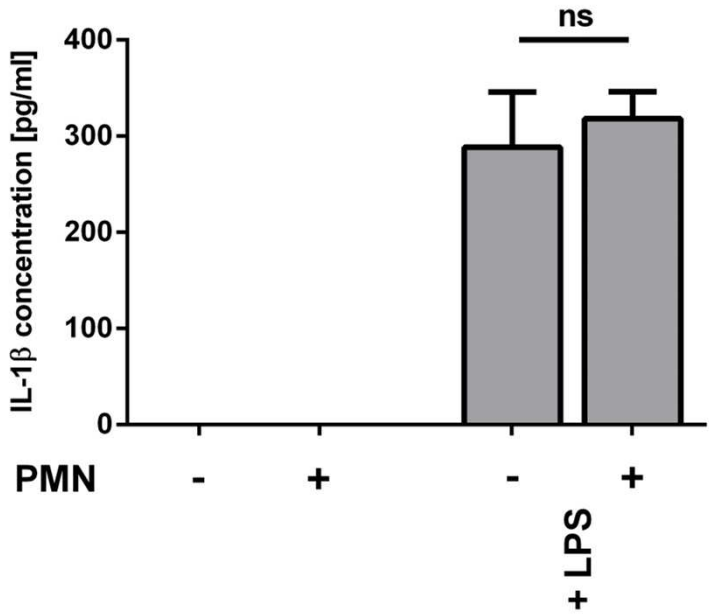
Figure S1



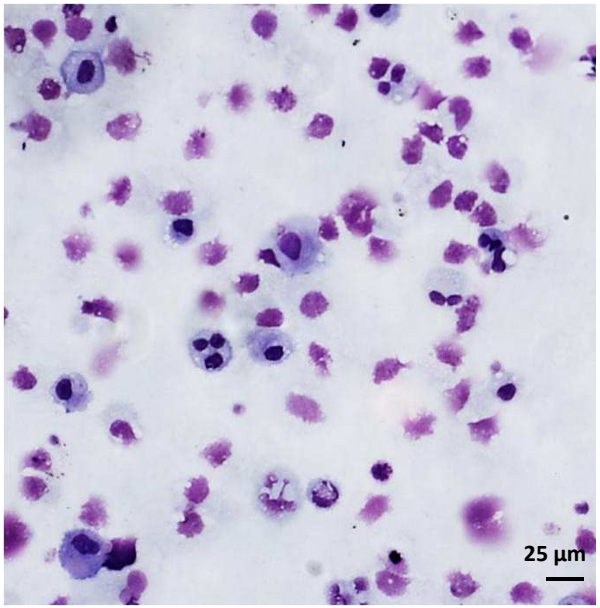
CD66b expression in cells from the PBMC fraction:
The PBMC fraction was prepared from heparinized blood samples by Ficoll density gradient sedimentation. In CAPS patients , FACS forward side scatter revealed an $FSC^{high}SSC^{high}$ "granulocytic" population (Gate 1). Only cells out of Gate 1 were CD66b positive.

Figure S2



Conventional PMNs do not decrease IL-1β secretion from CAPS monocytes:
Conventional "high-density" PMNs ($CD66b^+$) and monocytes ($CD14^+$) were MACS-isolated from heparinized blood of CAPS patients and cocultured with or without LPS (10 ng/ml) in complete medium at 37°C, 5% CO_2. After 4 hours of incubation, supernatants were analyzed for IL-1β-levels with ELISA. Data are shown as means ± SEMs analyzed by a paired t-test.

Figure S3



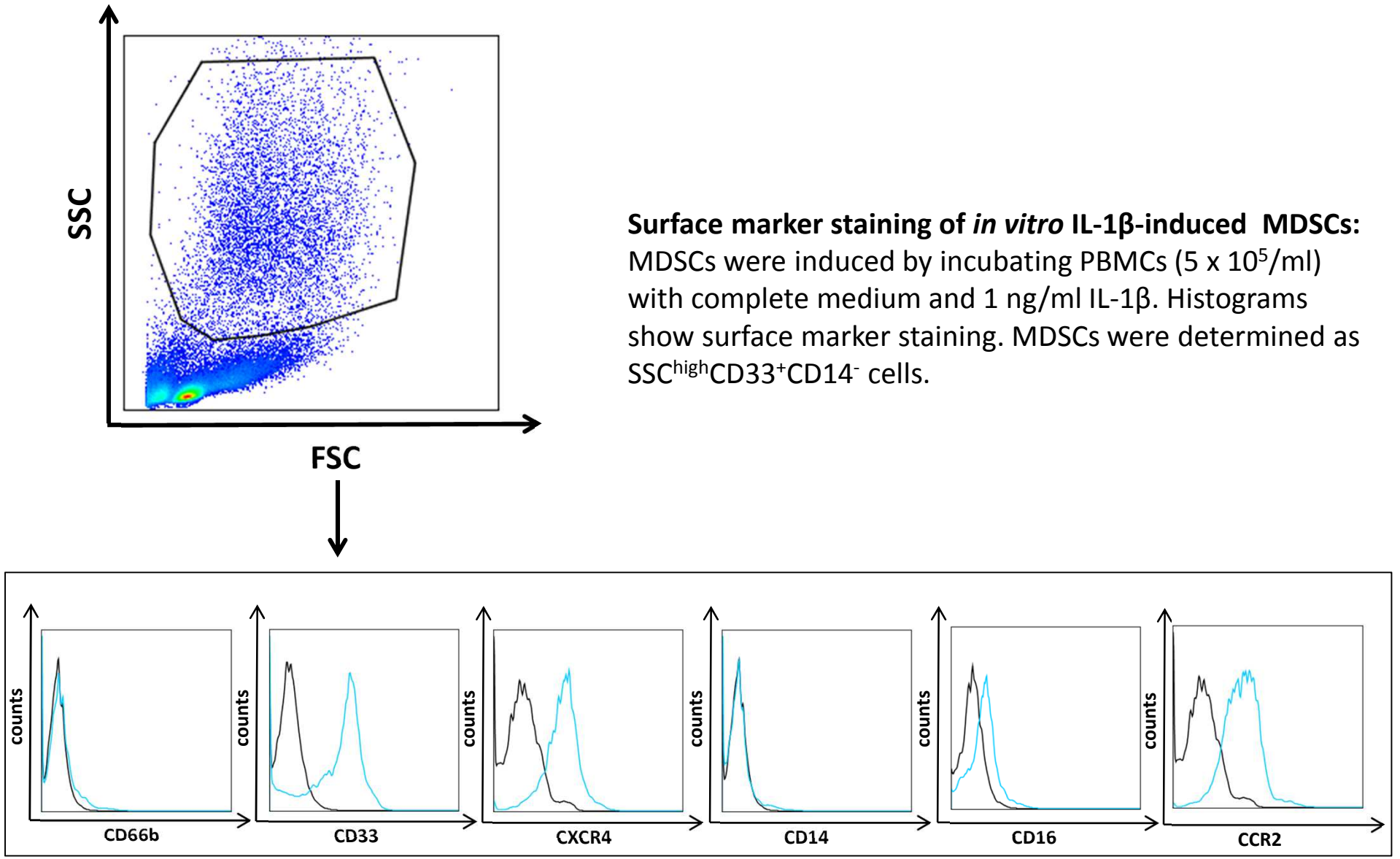
IL-1β MDSCs

in vitro

Cytospins of *in vitro* IL-1β-induced MDSCs:

MDSCs were induced by incubating PBMCs (5 x 10^5/ml) with complete medium and 1 ng/ml IL-1β. $CD33^+$ were MACS-isolated and cytospins were stained with May–Gruenwald–Giemsa.

Figure S4



Surface marker staining of *in vitro* IL-1β-induced MDSCs: MDSCs were induced by incubating PBMCs (5 x 10^5/ml) with complete medium and 1 ng/ml IL-1β. Histograms show surface marker staining. MDSCs were determined as $SSC^{high}CD33^{+}CD14^{-}$ cells.