Figure S2

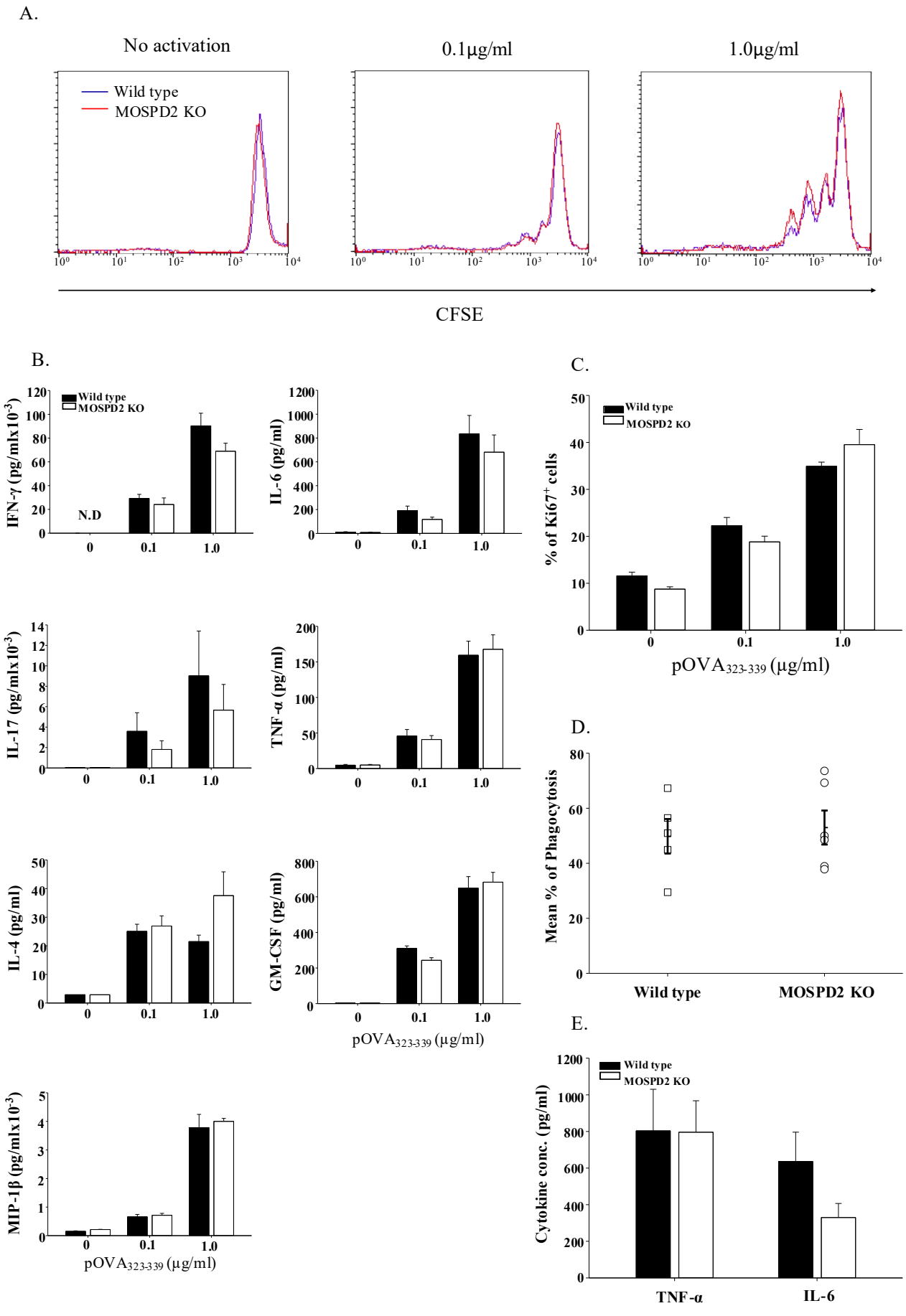
A.
No activation
0.1μg/ml
1.0μg/ml
Wild type
MOSPD2 KO
CFSE
B.
IFN-γ (pg/mlx10-3)
N.D
IL-6 (pg/ml)
IL-17 (pg/mlx10-3)
TNF-α (pg/ml)
IL-4 (pg/ml)
GM-CSF (pg/ml)
MIP-1β (pg/mlx10-3)
pOVA323-339 (μg/ml)
C.
% of Ki67+ cells
pOVA323-339 (μg/ml)
D.
Mean % of Phagocytosis
Wild type
MOSPD2 KO
E.
Cytokine conc. (pg/ml)
TNF-α
IL-6

Figure S2: *Effector function in MOSPD2-deficient myeloid cells.* (A) Purified TCR Tg $CD4^+$ T cells specific for $pOVA_{323-339}$ were labelled with CFSE, co-cultured with monocytes isolated from wild-type (purple) or MOSPD2-deficient (red) mice, and activated for 72 hr in the presence of 0.1 µg/ml or 1 µg/ml peptide. CFSE dilution was analyzed by FACS. Each experiment was performed in triplicate. One of three experiments is shown. (B) OT-II T cells were co-cultured for 3 days with CD11b+ myeloid cells isolated from spleens of wild-type and MOSPD2 KO mice in the presence of the antigen at the indicated concentration and supernatants were tested for the indicated cytokines (n=5-6 per group). Results are mean ± SE. (C) Wild-type and MOSPD2 KO mice were immunized with $pOVA_{323-339}$ in CFA and 7-10 days later lymph nodes were excised. Cells were challenged for 3 days and then tested for proliferation by flow cytometry using Ki-67 (n=6 per group). Results are mean ± SE. (E) Whole blood from wild-type and MOSPD2 KO mice was treated to deplete RBC. Leukocytes were incubated with PE-labeled E. coli for 2 hr and the ratio of PE-labeled cells was measured. Results are on gated neutrophils based on SSC and FSC (n=5-6). Results are mean ± SE. (E) CD11b+ myeloid cells were isolated from spleens of wild-type and MOSPD2 KO mice in the presence of LPS (100 ng/ml) for 24 hr. Supernatants were collected and tested by ELISA for TNF-α and IL-6 (n=8 per group). Results are mean ± SE.