Table S1. MicroRNA mimics used for transfection experiments.

miRCURY LNA microRNA mimic	**Sequence (5' to 3')**
hsa-miR-125a-5p	UCCCUGAGACCCUUUAACCUGUGA
hsa-let7e-5p	UGAGGUAGGAGGUUGUAUAGUU
hsa-miR-99b-5p	CACCCGUAGAACCGACCUUGCG
Negative control	GAUGCUACGGUCAAUGUCUAAG

Table S2. Primers used for RT-qPCR.

		Sequence (5' to 3')
18S ribosomal RNA	forward	CGCGGTTCTATTTTGTTGGT
	reverse	AGTCGGCATCGTTTATGGTC
Il6	forward	TTCCATCCAGTTGCCTTC TTG
	reverse	GAAGGCCGTGGTTGTCACC
Il10	forward	ATAACTGCACCCACTTCCCA
	reverse	GGGCATCACTTCTACCAGGT
CD274	forward	TGGACAAACAGTGACCACCAA
	reverse	CCCCTCTGTCCGGGAAGT
Nos2	forward	TTGGGTCTTGTTAGCCTAGTC
	reverse	TGTGCAGTCCCAGTGAGGAAC

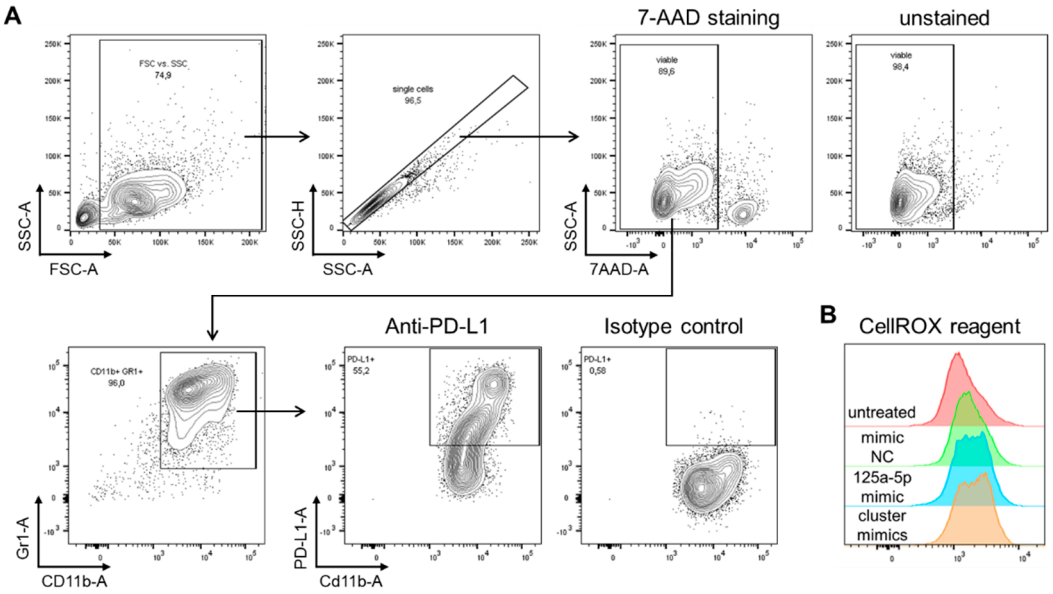


Figure S1. Gating strategy for marker expression on immature myeloid cells (iMCs). (**A**) CD11b^{+}Gr1^{+} iMCs were gated after exclusion of cell debris, doublets, and dead cells. PD-L1^{+} iMCs were gated according to the respective isotype control. (**B**) Representative histograms for the expression of reactive oxygen species (ROS) in live iMCs using the CellROX reagent.

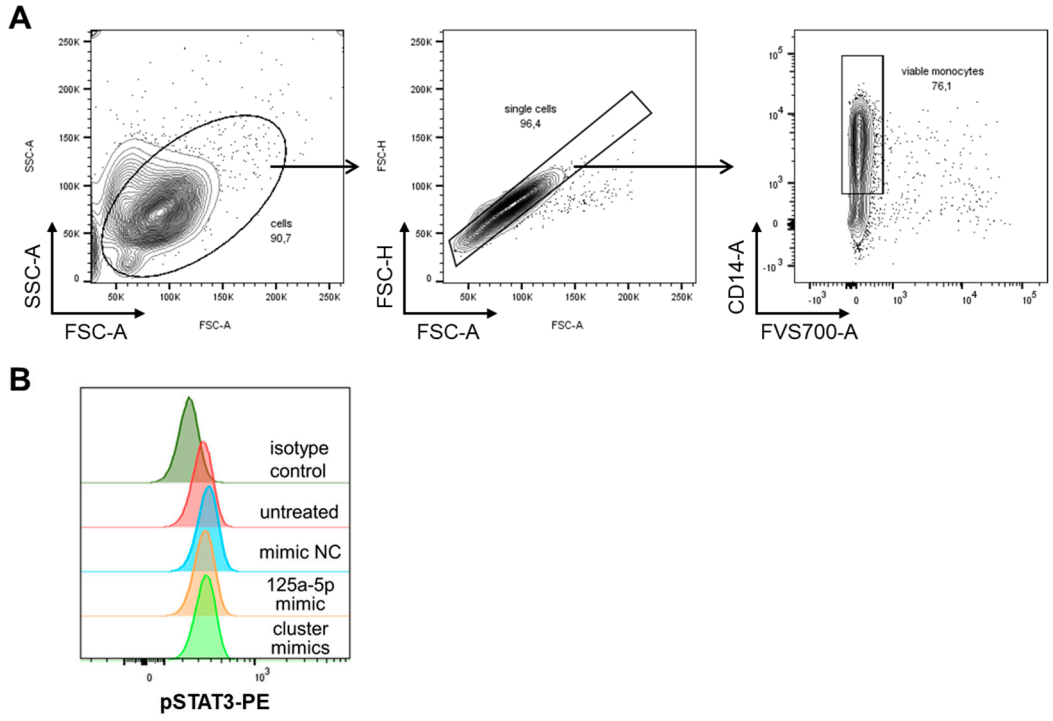


Figure S2. Gating strategy for human monocytes. (**A**) After excluding cell debris and doublets, monocytes were gated according to their CD14 expression and negative staining for fixable viability 700 (FVS700). (**B**) Representative histograms for the expression of phosphorylated STAT3 (Y705) in live monocytes.