

**Figure S1.** Flow cytometry gating strategy. Human moDCs at T = 0, 24, or 48 h after MAP infection were stained, as described in the Methods, and gated sequentially on forward/side scatter, single cells (SSC-A/SSC-H), viability, and finally CD11b<sup>+</sup> and CD11c<sup>+</sup> cells, prior to calculation of MFIs for CD80, CD86, MHCII, CD103, CD11b, and CD11c.



**Figure S2.** Cell viability post MAP infection. The percentage of live moDCs untreated or post MAP/KMAP infection was calculated following forward/side scatter, CD11b<sup>+</sup> and CD11c<sup>+</sup>, and gated on SSC-A and BV510 (viability dye). \* p < 0.05 as calculated using a two-way ANOVA with multiple comparisons, shown is the average ± SEM of n = 4 DC blood donors in triplicates.



**Figure S3.** Flow cytometry MFI shifts. Human MoDCs at T = 0, 24, or 48 h after the MAP infection were stained, as described in Methods, and gated sequentially on forward/side scatter, single cells (SSC-A/SSC-H), viability, and finally CD11b<sup>+</sup> and CD11c<sup>+</sup> cells. MFI shifts of a representative experiment at T = 24 are shown.

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