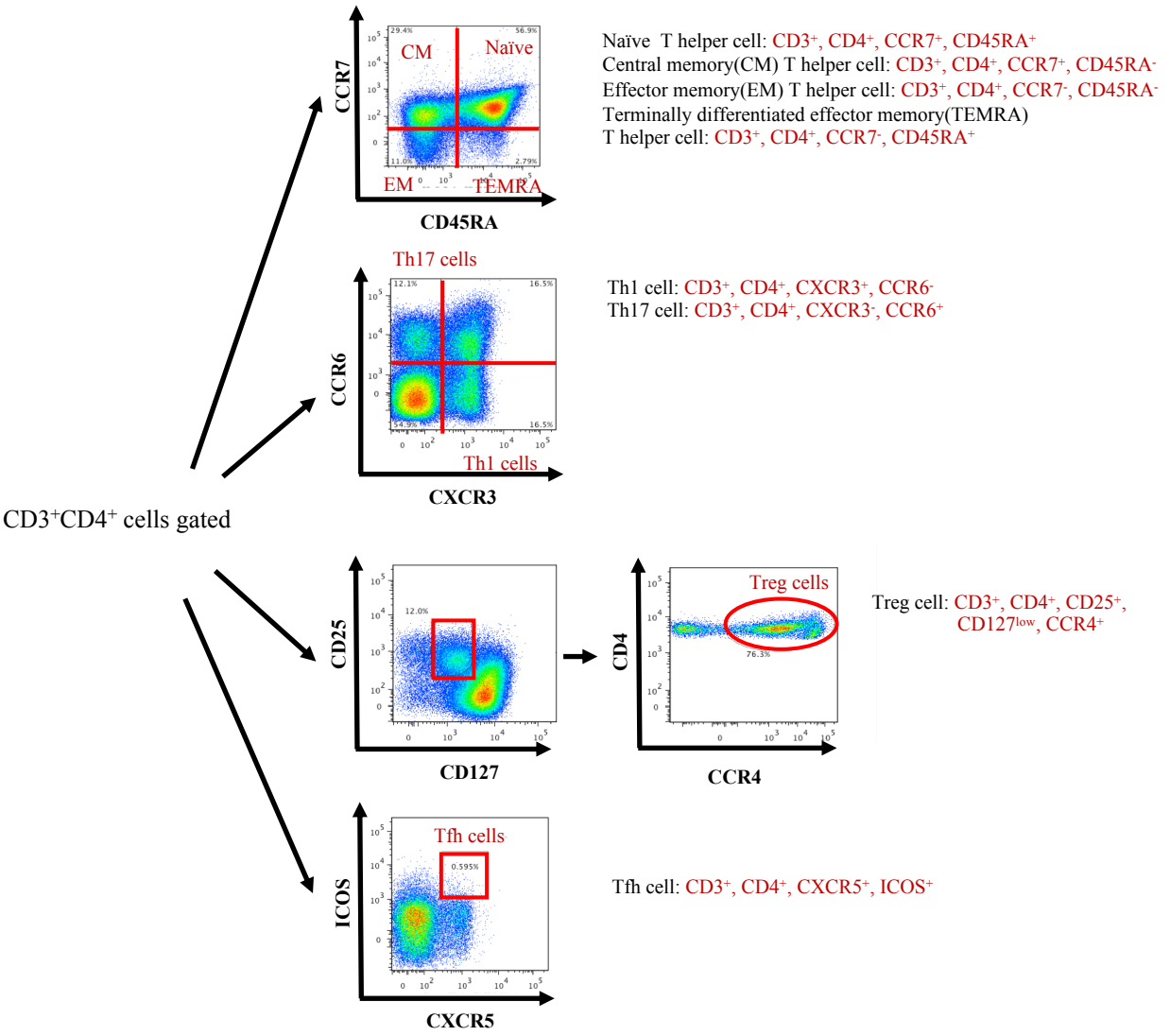
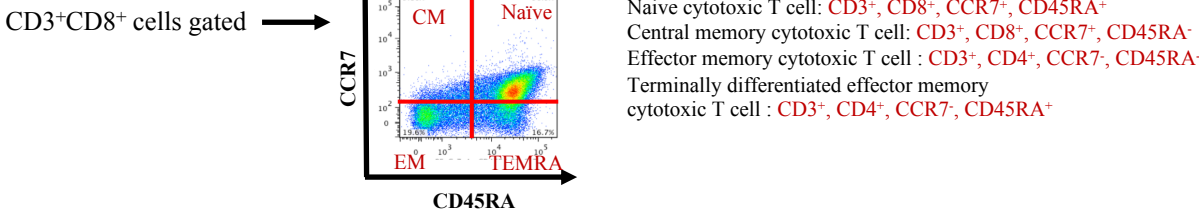


Supplementary Figure S1

(A) CD4⁺ T cells



(B) CD8⁺ T cells



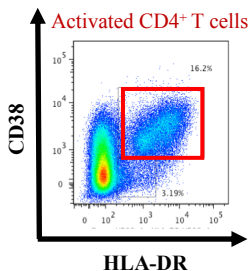
Supplementary Figure S1

(C) Activated T cells

a)

CD3⁺CD4⁺ cells gated

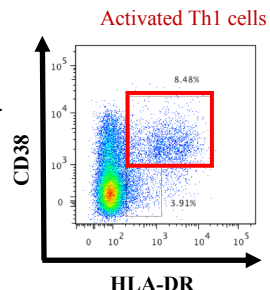
Activated CD4⁺ T cell:
CD3⁺, CD4⁺, CD38⁺, HLA-DR⁺



b)

CD3⁺ CD4⁺
CXCR3⁺ CCR6⁻ gated

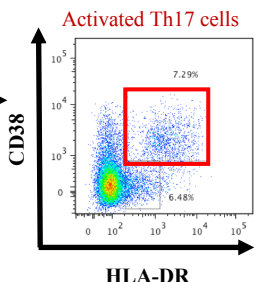
Activated Th1 cell:
CD3⁺, CD4⁺, CXCR3⁺ CCR6⁻,
CD38⁺, HLA-DR⁺



c)

CD3⁺ CD4⁺
CXCR3⁺ CCR6⁺ gated

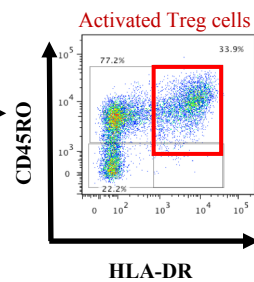
Activated Th17 cell:
CD3⁺, CD4⁺, CXCR3⁺ CCR6⁺,
CD38⁺, HLA-DR⁺



d)

CD3⁺ CD4⁺
CD25⁺ CD127^{low} CCR4⁺ gated

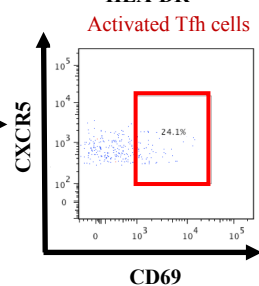
Activated Treg cell:
CD3⁺, CD4⁺, CD25⁺, CD127^{low},
CCR4⁺ CD38⁺, HLA-DR⁺



e)

CD3⁺ CD4⁺
CXCR5⁺ ICOS⁺ gated

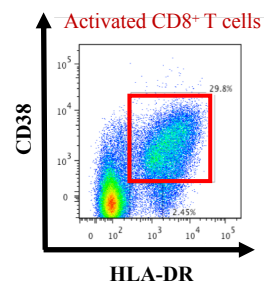
Activated Tfh cell:
CD3⁺, CD4⁺, CXCR5⁺, ICOS⁺, CD69⁺



f)

CD3⁺CD8⁺ cells gated

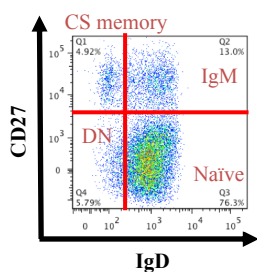
Activated CD8⁺ T cell:
CD3⁺, CD8⁺, CD38⁺, HLA-DR⁺



(D) B cells

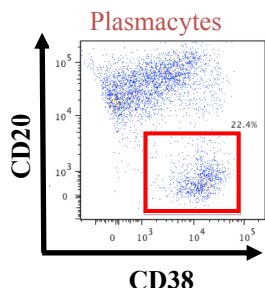
CD3⁺CD19⁺ cells gated

Naïve B cell:
CD3⁻, CD19⁺, CD27⁻, IgD⁻
Double negative B cell:
CD3⁻, CD19⁺, CD27⁻, IgD⁻
IgM memory B cell:
CD3⁻, CD19⁺, CD27⁺, IgD⁻
Class-switched memory B cell:
CD3⁻, CD19⁺, CD27⁺, IgD⁺



CD3⁺CD19⁺
CD27⁺ cells gated

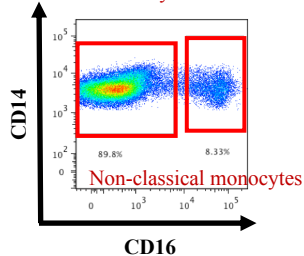
Plasmacyte:
CD3⁻, CD19⁺, CD27⁺, CD20⁺, CD38⁺



(E) Monocytes

CD3⁻ CD19⁻ CD20⁻ CD14⁺ cells

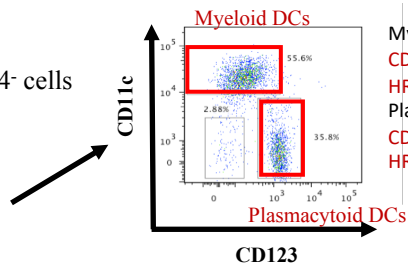
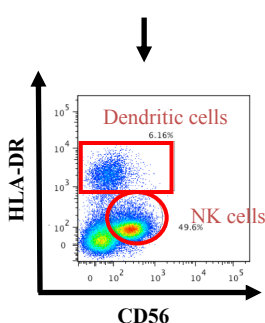
Classical monocytes



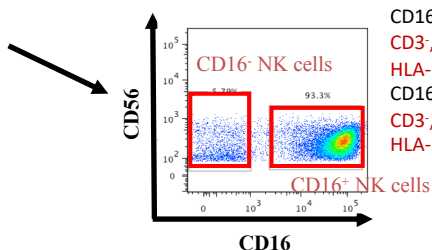
Classical monocyte:
CD3⁻, CD19⁻, CD20⁻, CD14⁺, CD16⁺
Non-classical monocyte:
CD3⁻, CD19⁻, CD20⁻, CD14⁺, CD16⁻

(F) DCs, NK cells

CD3⁻ CD19⁻ CD20⁻ CD14⁻ cells



Myeloid DC:
CD3⁻, CD19⁻, CD20⁻, CD14⁻,
HRA-DR⁺, CD11c⁺
Plasmacytoid DCs:
CD3⁻, CD19⁻, CD20⁻, CD14⁻,
HRA-DR⁺, CD123⁺



CD16⁻ NK cell:
CD3⁻, CD19⁻, CD20⁻, CD14⁻,
HLA-DR⁻, CD56⁺, CD16⁻
CD16⁺ NK cell:
CD3⁻, CD19⁻, CD20⁻, CD14⁻,
HLA-DR⁻, CD56⁺, CD16⁺