

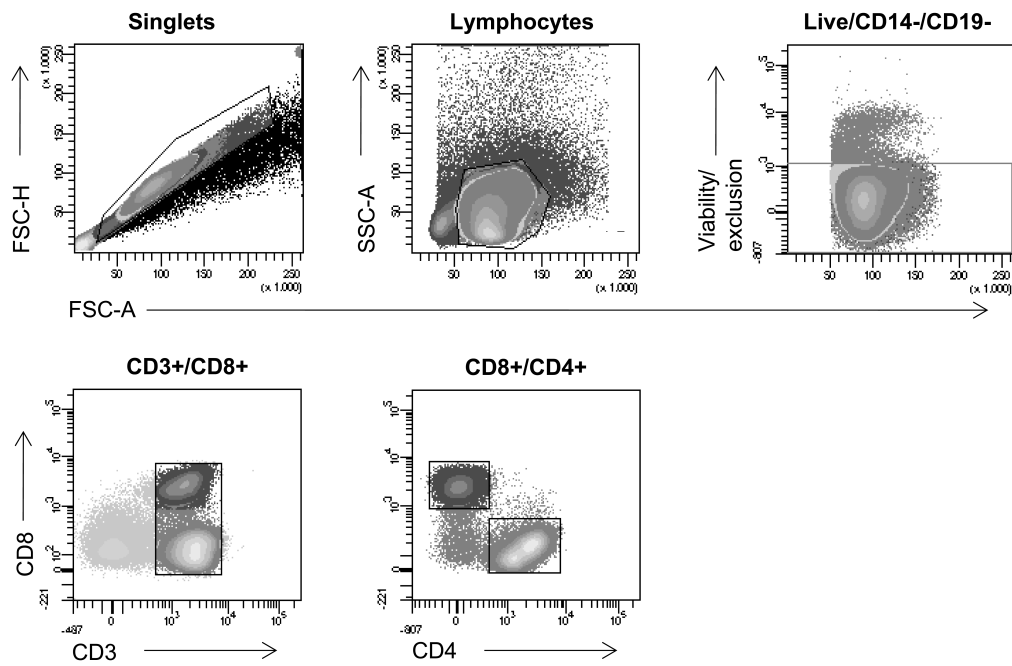
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Supporting Information
for

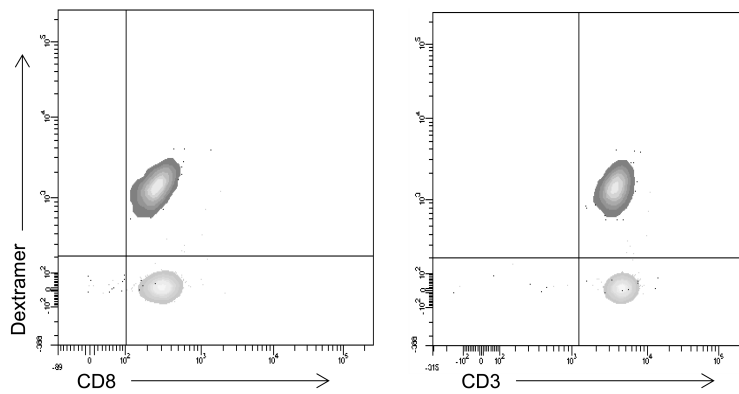
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**Progesterone promotes maternal–fetal tolerance
by reducing human maternal T-cell polyfunctionality
and inducing a specific cytokine profile**



Supporting information Figure 1. Flowcytometry gating strategy. FSC-H and FSC-A were used to identify singlets. Lymphocytes are then gated using FSC-A versus SSC-A. Dead cells, CD14+ and CD19+ cells are excluded using viability/exclusion channel before CD3+ cells are selected and then CD4+ and CD8+ cells are gated to look at cytokine expression.



Supporting information Figure 2. Antigen specificity of CD8+ T cell clones.

Flow cytometry plots illustrate the antigen specificity of CD8+ T cell clones, using MHC-peptide dextramer specific for HY antigen (HLA*0201 FIDSYICQV PE, shown in black) compared to negative dextramer (HLA*0201 neg PE, shown in grey).

LSRII configuration	Laser	Filter	Antibody	Clone	Conjugate
Surface stain	488	610/20	Viability Dye ^a		
			CD14 ^b	RMO52	ECD
			CD19 ^b	J3-119	ECD
		695/40	CD4 ^c	RPA-T4	PerCP-Cy5.5
	405	525/50	CD8 ^d	RPA-T8	V500
633	780/60	CD3 ^e	HIT3a	APC-Cy7	
Intracellular stain	488	530/30	IL5 ^f	9906	FITC
		575/26	IL10 ^c	JES3-9D7	PE
		780/60	TNF α ^c	Mab11	PE-Cy7
	405	450/50	IL17 ^e	BL168	PB
	633	660/20	IL4 ^e	8D4-8	APC
		730/45	IFN γ ^e	4S.B3	AF700
Clone specificity	488	575/26	Dextramer ^g		PE
		610/620	Viability Dye ^a		
	405	525/50	CD8 ^d	RPA-T8	V500
	633	780/60	CD3 ^e	HIT3a	APC-Cy7
Proliferation	405	450/50	CellTrace Violet ^a		

Supporting information Table I. LSR II configurations and reagents used

a=Lifetechnologies, b=Beckman Coulter, c= Ebiosciences, d= BD biosciences, e=

Biolegend, f= R&D systems, g= Immunodex