

Supplemental Table 1. Antibodies used for multi-parametric flow cytometry

Marker	Fluorophore	clone	Company
CD3	BV785	OKT3	Biolegend
CD45	BV605	HI30	Biolegend
CD16	APC/Cy7	B73.1	Biolegend
CXCR6	AF647	KO41E5	Biolegend
CD56	BV421	HCD56	Biolegend
CD57	PE-TX Red	HNK-1	Biolegend
CD49e	FITC	NKI-SAM1	Biolegend
NKG2C	PE	134591	R & D Systems
NKG2D	BV510	1D11	Biolegend
NKp46	BV650	9E2/NKp46	BD Biosciences
KIR2DL1-DS1	PE/Cy7	11PB6	Miltenyi
Tbet	BV711	4B10	Biolegend
EOMES	PerCP-eFluor 710	WD1928	eBioscience
NKG2A	APC	131411	R & D Systems
CD94	PerCP/Cy5.5	DX22	Biolegend
CD69	BV650	FN50	Biolegend
CD62L	PE/Cy5	DREG-56	Biolegend
CX3CR1	PE	2A9-1	Biolegend
41BB	AF700	4B4-1	BD Biosciences
DNAM-1	BV711	DX11	BD Biosciences
2B4	PerCP/Cy5.5	C1.7	Biolegend
CD27	APC/Cy7	0323	Biolegend
CD11b	PE/Cy5	ICRF44	Biolegend
IFN γ	AF700	4S.B3	Biolegend
TNF α	PE/Cy7	Mab11	Biolegend
Perforin	PE	dG9	Biolegend
Granzyme B	BV421	GB11	Biolegend
CD107a	BV786	H4A3	BD Biosciences

Supplemental Table 2. Gestational ages of fetal tissue

<u>Sample #</u>	<u>Gestational age</u>
FL11	17 weeks
FL12	17 weeks
FL10	18 weeks
FL4	19 weeks
FL8	19 weeks
FL9	19 weeks
FL3	20 weeks
FL6	21 weeks
FL14	23 weeks

Supplemental Table 3. Comparison of cytotoxicity and ADCC effector function in Fetal liver and spleen NK compared to PB NK.

Organs Compared	Cytotoxicity +/- IL-2						ADCC +/- rit						Statistics	
	3.13	6.25	12.5	25	50	100	3.13	6.25	12.5	25	50	100		
Within Fetal Liver	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	Two-way ANOVA with Tukey's Multiple Comparison Test
Within Fetal Spleen	n.s.	n.s.	n.s.	n.s.			n.s.	n.s.	n.s.	n.s.				
Within PB	n.s.	n.s.	n.s.	n.s.	*	*	n.s.	n.s.	***	****	****	****		