

Reagent/Antibody	Fluorochrome	Clone	Purchased from
<b>FACS</b>			
anti-B220	FITC, PE-Cy7	RA3-6B2	BD Biosciences
anti-Blimp-1	APC	5E7	Biolegend
anti-CD138	PE, biotin	281-2	BD Biosciences
anti-CD19	BV510, PerCP.Cy5.5	1D3	BD Biosciences
anti-CD23	PE-Cy7	B3B4	eBioscience
anti-CD43	PE, PE-Cy7, biotin	S7	BD Biosciences
anti-CD45	Alexa 700	30F11	eBioscience
anti-CD45.1	FITC, PE, Pacific Blue	A20	eBioscience
anti-CD45.2	Alexa 700, PE, APC	104	eBioscience
anti-CD5	APC	53-7.3	Biolegend
anti-CD93	FITC, PE, biotin	AA4.1	eBioscience
anti-GM-CSF	PE	MP1-22E9	eBioscience
anti-IgD	eFluor450, PerCP.Cy5.5	11-26	eBioscience or BD Biosciences
anti-IgG	PE-Texas Red	Poly4053	Biolegend
anti-IgM	APC, Pacific Blue	11-41	eBioscience or BD Biosciences
anti-IL3	PE	MP2-8F8	BD Biosciences
streptavidin	PE, APC, Pacific Blue, Alexa 700, FITC		eBioscience
<b>Ex vivo depletion (negative selection)</b>			
anti-CD4		GK1.5	eBioscience
anti-IgD		11-26c.2a	BD Biosciences
anti-CD11b		M1/70	eBioscience
anti-CD8 $\beta$		H35	eBioscience
anti-Ter119		Ter119	eBioscience

**Table S1**