

Materials List for

# Flow Cytometric Characterization of Murine B Cell Development

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## Materials

Name	Company	Catalog Number	Comments
0.5 mL safe-lock Eppendorf tubes	Eppendorf	22363611	0.5 mL microcentrifuge tube
1.5mL Eppendorf tubes	Eppendorf	22364111	1.5 mL microcentrifuge tube
15 mL Falcon tubes	Corning	352097	15 mL conical tube
18 gauge needle	BD	305196	
25 gauge needle	BD	305124	
3 mL syringe	BD	309657	
70 mM MACS SmartStrainer	Miltenyi Biotec	130-110-916	70 mM cell strainer
96 well U bottom plate	VWR	10861-564	
ACK lysis buffer	GIBCO	A1049201	red blood cell lysis buffer
Acroprep Advance 96 Well Filter Plate	Pall Corporation	8027	filter plate
B220	eBiosciences	17-0452-82	
BD CompBead Anti-Mouse Ig/k	BD	552843	compensation beads
BD CompBead Anti-Rat Ig/k	BD	552844	compensation beads
Bovine Serum Albumin	Sigma-Aldrich	A8577	BSA
BP-1	BD	740882	
Brilliant Stain Buffer	BD	566349	brilliant stain buffer
C-Kit	BD	564011	
CD11b	BD	563168	
CD11b	BioLegend	101222	
CD19	BD	560143	
CD21/35	BD	562756	
CD23	BD	740216	
CD24 (HSA)	BioLegend	138504	
CD3	BD	561388	

CD3	BioLegend	100214	
CD43	BD	553270	
CD43	BioLegend	121206	
CD5	BD	563194	
CD93	BD	740750	
CD93	BioLegend	136504	
DPBS (1x)	ThermoFisher	14190-144	DPBS
eBioscience Fixable Viability Dye eFluor 506	ThermoFisher	65-0866-14	viability dye
Extended Fine Tip Transfer Pipette	Samco	233	disposable transfer pipette
FACSymphony A3 flow cytometer	BD	custom order	flow cytometer
Fc Block, CD16/CD32 (2.4G2)	BD	553142	Fc block
FlowJo	Flowjo		flow cytometer analysis software
gentleMACS C Tubes	Miltenyi Biotec	130-096-334	automated dissociation tube
gentleMACS Octo Dissociator with Heaters	Miltenyi Biotec	130-095-937	tissue dissociator instrument
GR1 (Ly6C/6G)	BioLegend	108422	
IgD	BioLegend	405710	
IgM	eBiosciences	25-5790-82	
Kappa	BD	550003	
Lambda	BioLegend	407308	
paraformaldehyde, 32% Solution	Electron Microscopy Sciences	15714	
Ter119	BioLegend	116220	
True-Stain Monocyte Blocker	BioLegend	426103	monocyte blocker
UltraPure EDTA, pH 8.0	ThermoFisher	15575038	EDTA
Vi-CELL XR	Beckman Coulter	731050	cell counter instrument