

Materials List for

Identification and Isolation of Burst-Forming Unit and Colony-Forming Unit Erythroid Progenitors from Mouse Tissue by Flow Cytometry

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jove.com/video/64373

Materials

Name	Company	Catalog Number	Comments
0.5 M EDTA, pH 8.0	Life Technologies	15575020	
1000 µL large orifice tips	USA sceintific	1011-9000	
Alexa Fluor 647 anti-mouse CD55 (DAF) Antibody	BioLegend	131806	
APC/Cyanine7 anti-mouse CD117 (c-kit) Antibody	BioLegend	105826	
Biotin-CD11b	BD Biosciences	557395	M1/70 (clone)
Biotin-CD19	BD Biosciences	553784	1D3 (clone)
Biotin-CD4	BD Biosciences	BDB553045	RM4-5 (clone)
Biotin-CD8a	BD Biosciences	BDB553029	53-6.7 (clone)
Biotin-F4/80	Biolegend	123106	BM8 (clone)
Biotin-Ly-6G and Ly-6C	BD Biosciences	553125	RB6-8C5 (clone)
Biotin-TER-119	BD Biosciences	553672	TER-119 (clone)
Bovine Serum Albumin	Sigma aldrich	A1470	
Brilliant Violet 421 anti-human/mouse CD49f Antibody	BioLegend	313624	
Brilliant Violet 605 anti-mouse CD41 Antibody	BioLegend	133921	
Brilliant Violet 650 anti-mouse CD150 (SLAM) Antibody	BioLegend	115931	
BUV395 Rat Anti-Mouse TER-119/ Erythroid Cells	BD Biosciences	563827	
ChromPure Rabbit IgG, whole molecule	Jackson ImmunoResearch Laboratories	011-000-003	
DAPI (4',6-Diamidino-2-Phenylindole, Dihydrochloride)	Life Technologies	D1306	
Digital DIVA hardware and software for LSR II	BD Biosciences		
FITC anti-mouse F4/80 Antibody	BioLegend	123108	

FITC Rat Anti-CD11b	BD Biosciences	557396	
FITC Rat Anti-Mouse CD19	BD Biosciences	553785	
FITC Rat Anti-Mouse CD4	BD Biosciences	553047	
FITC Rat Anti-Mouse CD8a	BD Biosciences	553031	
FITC Rat Anti-Mouse Ly-6G and LY-6C	BD Biosciences	553127	
FlowJo software	FlowJo	version 10	Flow cytometer analysis software
LSR II digital multiparameter flow cytometer analyzer	BD Biosciences		Flow cytometer
NewlineNY Stainless Steel Hand Masher & Bowl, Mortar and Pestle Set	Amazon		
Normal rat serum	Stem Cell Technologies	13551	
PE anti-mouse CD105 Antibody	BioLegend	120408	
PE/Cyanine7 anti-mouse CD71 Antibody	BioLegend	113812	
Phosphate Buffered Saline, 10x Solution	Fisher scientific	BP3994	
Streptavidin Nanobeads	BioLegend	480016	Magnetic beads