

Materials List for:

Digestion of the Murine Liver for a Flow Cytometric Analysis of Lymphatic Endothelial Cells

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Materials

Name	Company	Catalog Number	Comments
Clicks/EHAA media	Irvine Scientific	9195	
Collagenase IV	Worthington Biochemical corporation	LS004188	
DNase I	Worthington Biochemical corporation	LS002145	Deoxyribonuclease 1
OptiPrep	Sigma Aldrich	D1556	Density Gradient Medium
V450 anti mouse CD146(clone ME-9F1)	BD biosciences	562232	
FITC anti mouse CD146 (clone ME-9F1)	Biolegend	134706	Fluorescein isothiocyanate (FITC)
Pacific Blue anti mouse CD31(clone 390)	Biolegend	102422	
PerCp/Cy5.5 anti mouse CD31(clone 390)	Biolegend	102420	Peridinin-chlorophyll proteins-Cyanine 5.5 (PerCP-Cy5.5)
APC anti mouse PDPN (clone 8.1.1)	Biolegend	127410	Allophycocyanin (APC), podoplanin (PDPN)
APC/Cy7 anti mouse CD45 (clone 30-F11)	Biolegend	103116	
Brilliant Violet 510 anti mouse CD45 (clone 30-F11)	Biolegend	103138	
FITC anti mouse CD16/32 (clone 93)	Biolegend	101306	Fluorescein isothiocyanate (FITC)
PerCp/Cy5.5 anti mouse CD16/32(clone 93)	Biolegend	101324	Peridinin-chlorophyll proteins-Cyanine 5.5 (PerCP-Cy5.5)
ghost red 780 viability dye	TONBO biosciences	3-0865-T100	
APC syrian hamster IgG (clone SHG-1)	Biolegend	402102	
PerCp/Cy5.5 rat IgG2a (clone RTK2758)	Biolegend	400531	
FITC rat IgG2 (clone eBR2a)	ebioscience	1-4321-80	
Anti mouse LYVE1 (clone 223322)	R&D systems	FAB2125A	
anti-mouse Cytokeratin(clone EPR17078)	abcam	ab181598	
anti-mouse F4/80 (clone Cl:A3-1)	Bio-rad	MCA497	
BSA (fraction V)	Fischer	BP1600-100	Bovine Serum Albumin (BSA)
Goat serum	Jackson Immunoresearch	017-000-121	
Donkey Serum	Jackson Immunoresearch	017-000-121	

EDTA	VWR	E177	Ethylenediaminetetraacetic acid (EDTA) -for RBC lysis buffer
Ammonium Chloride	Fischer	A687-500	for RBC Lysis buffer
Potassium Bicarbonate	Fischer	P184-500	for RBC Lysis buffer
Scalpel	Feather	2975#21	
100 µm cell strainer	Fischer	22363549	
2.4G2	in house/ATCC	ATCC HB-197	FC block to inhibit non-specific binding to Fc gamma + cells -made from hybridoma
Phosphate Buffered Saline (PBS)	Corning	21-040-CV	
Hanks Balanced Salt Solution (HBSS)	Gibco	14185-052	
Fetal Bovine Serum (FBS)	Atlanta biologicals	S11550	
96 well plate	Corning	3788	
6 well plate	Corning	3506	
50 mL conical	Truline	TR2004	
15 mL conical	Falcon	352196	
1 mL Pipete tip	USA scientific	1111-2721	
200 µL pipete tip	USA scientific	1110-1700	
10 µL pipete tip	USA scientific	1111-3700	
seriological 10 mL pipete	greiner bio-one	607107	
seriological 5 mL pipete	greiner bio-one	606107	
Cell incubator	Fischer		Heracell 160i
BD FACS Canto II flow cytometer	BD biosciences		
Clinical Centrifuge	Beckman coulter		model X-14R