

Materials List for

Flow Cytometric Analysis for Identification of the Innate and Adaptive Immune Cells of Murine Lung

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URL

jove.com/video/62985

Materials

Name	Company	Catalog Number	Comments
10 mL syringe plunger	EXELINT	26265	
18 G needles	BD Precision Glide Needle	305165	
21 G needles	BD Precision Glide Needle	305195	
50 mL conical tubes	Falcon	3520	
70 µm cell strainer	ThermoFisher	22363548	
96-well plates	Falcon/corning	3799	
ACK Lysing Buffer	ThermoFisher	A10492-01	
anti-mouse CD11b	Biolegend	101215	For details see Table 2
anti-mouse CD11c	Biolegend	117339 / 117337	For details see Table 2
anti-mouse CD45	Biolegend	103115	For details see Table 2
anti-mouse CD64	Biolegend	139319	For details see Table 2
anti-mouse CD68	Biolegend	137009	For details see Table 2
anti-mouse GR-1	Biolegend	108433	For details see Table 2
anti-mouse Siglec F	Biolegend	155503	For details see Table 2
AVERTIN	Sigma-Aldrich	240486	
B220	Biolegend	103228	For details see Table 2
Bovine Serum Albumin (BSA)	Sigma-Aldrich	9048-46-8	
CD103	Biolegend	121405 / 121419	For details see Table 2
CD24	Biolegend	138503	For details see Table 2
CD3	Biolegend	100205	For details see Table 2
Centrifuge			
Collagenase Type 1	Worthington Biochemical Corp	LS004196	
CX3CR1	Biolegend	149005	For details see Table 2
DNase I	Millipore Sigma	10104159001	
Ethanol			
F4/80	Biolegend	123133	For details see Table 2
FcBlock (CD16/32)	Biolegend	101301	For details see Table 2

Fetal Bovine Serum	R&D Systems		
Fine Serrated Forceps	Roboz Surgical Instrument Co		
Foxp3 / Transcription Factor Staining Buffer Set	ThermoFisher	00-5523-00	
Futura Safety Scalpel	Merit Medical Systems	SMS210	
Live/Dead Fixable Far Read Dead Cell Stain Kit	ThermoFisher	L34973	For details see Table 2
MERTK	Biolegend	151505	For details see Table 2
MHC-II	Biolegend	107621	For details see Table 2
NK1.1	Biolegend	108705	For details see Table 2
Orbital Shaker	VWR	Model 200	
Petri dish	Falcon	351029	
Refrigerated benchtop centrifuge	SORVAL ST 16R		
Small curved scissor	Roboz Surgical Instrument Co		