

Materials List for:

Reliable and High Efficiency Extraction of Kidney Immune Cells

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URL: <https://www.jove.com/video/54368>

DOI: [doi:10.3791/54368](https://doi.org/10.3791/54368)

Materials

Name	Company	Catalog Number	Comments
Stomacher 80 Biomaster lab system	Seward		
Stomacher 80 Classic bags	Seward	BA6040/STR	
Sorvall Legend XFR Centrifuge	Thermo Scientific		Or equivalent equipment
Hemocytometer	Electron Microscopy Sciences	63514-11	
Analytical flow cytometer	BD LSR-X20 Fortessa		
Percoll	Sigma	P1644	
Dulbecco's phosphate buffered saline 1x (DPBS)	Gibco, Life Technologies	14190-250	
Polypropylene tubes, no cap	Becton Dickinson	352002	
Fixable Viability Stain	BD Biosciences	FVS510, 564406	
Anti-CD16/32 (Clone: 93)	EBioscience	14-0161	
anti-CD45 (clone: 30-F11) BV421	BD Pharmingen	103133/4	
Anti-Foxp3 (Clone: FJK-16s) APC	EBioscience	17-5773	
Anti-CD127 (Clone: A7R34) PE/Cy7	Biolegend	135013/4	
anti-CD44 (Clone: IM7) PerCP/Cy5.5	Biolegend	103031/2	
anti-CD4 (Clone: RM4-5) APC-Cy7	Biolegend	100413/4	
anti-CD8 (Clone: 53-6.7) BV785	Biolegend	100749/50	
Anti-Ly6G (Clone: 1A8) FITC	Biolegend	127605/6	
Anti-CD11b (Clone: M1/70) PerCP-Cy5.5	Biolegend	101227/8	
Anti-F4/80 (Clone: BM8) APC	Biolegend	123115/6	
Anti-CD11c (Clone: N418) BV785	Biolegend	117335/6	
Anti-CD301 (Clone: LOM-14) PE-Cy7	Biolegend	145705/6	
Anti-CD26 (Clone: H194-112) PE	Biolegend	137803/4	
100 µm filter	Fisher Scientific	22363548	
Fisherbrand Tubes 50 ml	Fisher		Or equivalent equipment
Fisherbrand Tubes 15 ml	Fisher		Or equivalent equipment
Sucrose	Fisher chemical	S5-3	
Transfer pipette fine tip	Samco Scientific	232	Or equivalent equipment
Flow Cytometry Staining Buffer Solution	EBioscience	00-4222-26	Or equivalent equipment

1x RBC Lysis Buffer	EBioscience	00-4333-57	Or equivalent equipment
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