

Materials List for:

Phenotypic Characterization of Macrophages from Rat Kidney by Flow Cytometry

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URL: <https://www.jove.com/video/54599>

DOI: [doi:10.3791/54599](https://doi.org/10.3791/54599)

Materials

Name	Company	Catalog Number	Comments
Laminar flow hood	Faster		Or equivalent equipment
Centrifuge	Hettich		Or equivalent equipment
Flow cytometer (FACSAria)	BD Biosciences		
Fetal bovine serum	BioWest	S1820-500	
PBS 10x	LONZA	BE17-515Q	
Collagenase	Sigma-Aldrich	12/1/9001	
ACK Lysing Buffer	Thermo Fisher Scientific	A10492-01	
Flow cytometry strainers	BD Biosciences	340626	
Falcon cell strainers	Thermo Fisher Scientific	352340	
Flow cytometry tubes	Falcon	352052	5 ml Polystyrene Round-Bottom Tube
Centrifuge tubes	Corning centristar	430791	
Water bath	Memmert GmbH + Co. KG	WNE 7	37 °C
Fixation/Permeabilization Solution or Permeabilization/Wash Buffer	BD Biosciences	554714	
Rompum (Xylazine)	Bayer		Or equivalent
Ketalar (Ketamine)	Pfizer		Or equivalent
Hanks' balanced salt solution	Sigma-Aldrich	H8264-500ML	
Saline solution	Braun	622415	
Anti-CD45 (clone:OX-1) APC-Cy7	Biolegend	202216	Diluted 1:100
Anti-CD68 (clone: ED1) FITC	Bio-RAD	MCA341F	Diluted 35:1,000
anti-CD86 (clone: 24F) PE	Biolegend	200307	Diluted 35:1,000
anti-CD163 (clone: ED2) Alexa Fluor 647	Bio-RAD	MCA342R	Diluted 4:100
Live/dead stain	Molecular Probes	L34955	Diluted 3:1,000