

Materials List for

High-Dimensionality Flow Cytometry for Immune Function Analysis of Dissected Implant Tissues

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Citation

Lokwani, R., Sadtler, K. High-Dimensionality Flow Cytometry for Immune Function Analysis of Dissected Implant Tissues. *J. Vis. Exp.* (175), e61767, doi:10.3791/61767 (2021).

Date Published

September 15, 2021

DOI

10.3791/61767

URL

jove.com/video/61767

Materials

Name	Company	Catalog Number	Comments
50 mL conical tubes	Fisher Scientific	14-432-22	
6 Well Plate	Fisher Scientific	07-000-646	
BD Brilliant Stain Buffer Plus	BD Biosciences	566385	
BD Cytofix	BD Biosciences	554655	For only fixing cells
Bovine serum albumin	Millipore Sigma	A7906	For preparing FACS staining buffer
CD11b AF700	Biolegend	101222	Clone: M1/70
CD11c PerCP/Cy5.5	Biolegend	117325	Clone: N418
CD197 PE/Dazzle594	Biolegend	120121	Clone: 4B12
CD200R3 APC	Biolegend	142207	Clone: Ba13
CD206 PE	Biolegend	141705	Clone: C068C2
CD45 BUV737	BD Biosciences	612778	Clone: 104/A20
CD86 BUV395	BD Biosciences	564199	Clone: GL1
CD8a BV421	Biolegend	100737	Clone: 53-6.7
Comp Bead anti-mouse	BD Biosciences	552843	For compensation control
DNase I	Millipore Sigma	11284932001	Bovine pancreatic deoxyribonuclease I (DNase I)
F4/80 PE/Cy7	Biolegend	123113	Clone: BM8
Fc Block	Biolegend	101301	Clone: 93
Fixation/Permeabilization Solution Kit	BD Biosciences	554714	For fixing and permeabilization of cells.
HEPES buffer	Thermo Fisher	15630080	Buffer to supplement cell media
Liberase	Millipore Sigma	5401127001	Blend of purified Collagenase I and Collagenase II
LIVE/DEAD Fixable Blue Dead Cell Stain Kit	Thermo Fisher	L23105	Viability dye
Ly6c AF488	Biolegend	128015	Clone: HK1.4
Ly6g BV510	Biolegend	127633	Clone: 1A8
MHCII BV786	BD Biosciences	742894	Clone: M5/114.15.2
Phosphate buffer saline	Thermo Fisher	D8537	

RPMI	Thermo Fisher	11875176	Cell culture media
Siglec F BV605	BD Biosciences	740388	Clone: E50-2440
V-bottom 96-well plate			