

Materials List for

Characterization of Immune Cells and Proinflammatory Mediators in the Pulmonary Environment

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Citation

Monaghan, K.L., Farris, B.Y., Zheng, W., Wan, E.C.K. Characterization of Immune Cells and Proinflammatory Mediators in the Pulmonary Environment. *J. Vis. Exp.* (), e61359, doi:10.3791/61359 (2020).

Date Published

June 24, 2020

DOI

10.3791/61359

URL

jove.com/video/61359

Materials

Name	Company	Catalog Number	Comments
B220-APC, clone RA3-6B2	Biolegend	103212	1:200 dilution
Beadbug 3 position bead homogenizer	Benchmark Scientific	D1030	Tissue homogenizer
CCR2-BV421, clone SA203G11	Biolegend	150605	1:200 dilution
CD103-BV421, clone 2E7	Biolegend	121422	1:200 dilution
CD11b-PE/Cy7, clone M1/70	Biolegend	101216	1:400 dilution
CD11c-PE/Cy7, clone N418	Biolegend	117318	1:200 dilution
CD11c-Percp/Cy5.5, clone N418	Biolegend	117328	1:200 dilution
CD4-BV421, clone GK1.5	Biolegend	100443	1:200 dilution
CD45-FITC, clone 30-F11	Biolegend	103108	1:200 dilution
CD64-APC, clone X54-5/7.1	Biolegend	139306	1:200 dilution
CD8-PE, clone 53-6.7	Biolegend	100708	1:800 dilution
Collagenase D	Sigma Aldrich	11088882001	Component in the dissociation buffer
Conical screw cap tube	ThermoFisher	02-681-344	Tube for tissue homogenization
DNase I	Sigma Aldrich	10104159001	Component in the dissociation buffer
Fc block CD16/32 antibody	Biolegend	101320	1:100 dilution
gentleMACS dissociator	Miltenyi Biotec	130-093-235	Comparison of lung digestion with or without mechanical dissociator
gentleMACS C tubes	Miltenyi Biotec	130-093-237	Tube for tissue dissociation with gentleMACS dissociator
Halt protease and phosphatase inhibitor cocktail	ThermoFisher	78442	Component in the homogenization buffer
Laser doppler monitor	Moor	MOORVMS-LDF	Blood flow monitoring during tMCAO
LEGENDplex proinflammatory chemokine panel	Biolegend	740451	Multiplex bead array
LIVE/DEAD fixable near-IR stain	ThermoFisher	L34976	Use for dead cell exclusion during flow cytometric analysis
Ly6C-PE, clone HK1.4	Biolegend	128008	1:800 dilution

Ly6G-BV510, clone 1A8	Biolegend	127633	1:200 dilution
MCAO suture L56 reusable 6-0 medium	Docol	602356PK10Re	tMCAO
MHC II-BV510, clone M5/114.15.2	Biolegend	107636	1:800 dilution
NK1.1-Percp/Cy5.5, clone PK136	Biolegend	108728	1:200 dilution
Siglec F-PE, clone E50-2440	BD Biosciences	552126	1:200 dilution
Silk suture thread, size 6/0	Fine Science Tools	18020-60	tMCAO
SomnoSuite anesthesia system	Kent Scientific	SS-01	Mouse anaesthetization for tMCAO
TCRb-BV510, clone H57-897	Biolegend	109234	1:200 dilution
Zirconia/silica beads, 2.3 mm	Biospec	11079125z	Beads for tissue homogenization