

Materials List for:

Isolation of Myeloid-derived Suppressor Cells from Mouse Tumor and Determining Their Migration Potential *In Vitro*

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Materials

Name	Company	Catalog Number	Comments
Collagenase IV	Thermo Fisher	17104019	Tumor dissociation
Cell strainer	Falcon	352350	Cell strain
RBC lysis buffer	Biolegend	420301	Cell culture medium
DMEM+Glutamax	Gibco	10569010	Cell culture medium
RPMI	Gibco	11875093	Cell culture medium
FBS	Gibco	10082147	Serum for Cell culture
Phosphate Buffered Saline (PBS)	Sigma	D8537-500ML	PBS
Trypsin	Invitrogen	25200-056	Cell dissociation
Penstrep	HyClone	SV30010	Antibiotic
Sterile water	Invitrogen	10977-015	For dilution of buffers
BV605-CD11b	Biolegend	101237	Antibody for MDSC labeling
FITC-GR1	Biolegend	108405	Antibody for MDSC labeling
APC-Cy7-CD45	Biolegend	103115	Antibody for lymphocyte labeling
PE-Cy7-Ly6C	Biolegend	128017	Antibody for MDSC labeling
APC-Ly6G	Biolegend	127613	Antibody for MDSC labeling
TNFα	Sigma	T7539	Cytokine
TNFα neutralizing antibody	Biolegend	506309	neutralizing antibody
Ghost Dye Violet 450	Tonbo Biosciences	13-0863	Cell viability dye
UltraComp Beads	Invitrogen	01-2222-42	Compensation beads
Cell culture inserts	Corning	353097	Migration chamber
LSR Fortessa X-20	BD Biosciences	LSR Fortessa X-20	Fluorescent Cell analyzer
BD FACSAria Fusion	BD Biosciences	BD FACSAria Fusion	Fluorescent Cell sorter
Cell countess	Cell countess	Cell countess	Cell countess
Flow Jo			Software for Analysis of flow data
Prism			Plotting of graph and statistical analysis
C57BL/6 mice	Taconic	B6-F	mice for tumor generation