

# Isolating Immune Cells from Mouse Brain and Skull

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jove.com/video/66861

## Materials

Name	Company	Catalog Number	Comments
0.5 mL microcentrifuge tubes	VWR	76332-066	
1.5 mL microcentrifuge tubes	VWR	76332-068	
15 mL conical tubes	Thermo Fisher Scientific	339651	
18 G x 1 in BD PrecisionGlide Needle	BD Biosciences	305195	
1x HBSS	Gibco	14175-095	
50 mL conical tubes	Thermo Fisher Scientific	339653	
96-well V-bottom microplate	SARSTEDT	82.1583	
AURORA flow cytometer	Cytek bioscience		
BSA	Fisher	BP9706-100	
CD11b-AF594	BioLegend	101254	1:500 dilution
CD19-BV785	BioLegend	115543	1:500 dilution
CD19-FITC	BioLegend	115506	1:500 dilution
CD3-APC	BioLegend	100312	1:500 dilution
CD3-PE	BioLegend	100206	1:500 dilution
CD45-Alex 700	BioLegend	103128	1:500 dilution
CD45-BV421	Biolegend	103133	1:500 dilution
Cell Strainer 70 um	Avantor	732-2758	
Dressing Forceps	V. Mueller	NL1410	
EDTA	Invitrogen	15575-038	
Fc Block	Biolegend	101320	1:100 dilution
Forceps	Roboz	RS-5047	
LIVE/DEAD Fixable Blue Dead Cell Stain Kit	Thermo Fisher Scientific	N7167	1:500 dilution
Ly6G-BV421	BioLegend	127628	1:500 dilution
Ly6G-PerCp-cy5.5	BioLegend	127615	1:500 dilution
NK1.1-APC-cy7	BioLegend	108723	1:500 dilution
Percoll (density gradient medium)	Cytiva	17089101	
Phosphate buffer saline (10x)	Gibco	70011-044	
RBC Lysis Buffer (10x)	BioLegend	420302	

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Scissors	SKLAR	64-1250	
WHEATON Dounce Tissue, 15 mL Size	DWK Life Sciences	357544	