

Materials List for

# Isolation and Characterization of the Immune Cells from Micro-dissected Mouse Choroid Plexuses

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jove.com/video/63487

## Materials

Name	Company	Catalog Number	Comments
anti-mouse CD16/CD32	BD Biosciences	553142	Flow cytometry antibody
Albumin, bovine	MP Biomedicals	160069	Blocking reagent
APC anti-mouse CX3CR1	BioLegend	149008	Flow cytometry antibody
APC anti-mouse TCRb	BioLegend	109212	Flow cytometry antibody
APC-Cy7 anti-mouse CD4	BioLegend	100414	Flow cytometry antibody
APC-Cy7 anti-mouse IA-IE	BioLegend	107628	Flow cytometry antibody
BD FACSymphony A5 Cell Analyzer	BD Biosciences		Flow cytometry analyzer
BV711 anti-mouse Ly6C	BioLegend	128037	Flow cytometry antibody
Collagenase IV	Gibco	17104-019	Enzyme to dissociate CP tissue
DAPI	Thermo Scientific	62248	Live/dead marker
EDTA			Ion chelator
fine scissors	FST	14058-11	Dissection tool
FITC anti-mouse CD45	BioLegend	103108	Flow cytometry antibody
Flow controller infusion inset	CareFusion	RG-3-C	Blood perfusion inset
FlowJo software	BD Biosciences		Analysis software
forceps	FST	11018-12	Dissection tool
Heparin	Sigma-Aldrich	H3149-10KU	Anticoagulant
Imalgene	Boehringer Ingelheim		Ketamine, anesthetic
OneComp eBeads	Invitrogen	01-1111-42	Control beads to realize compensation
PBS/-	Gibco	14190-094	Buffer
PBS+/+	Gibco	14040-091	Buffer
PE anti-mouse CD8a	BioLegend	100708	Flow cytometry antibody
PE anti-mouse F4/80	BioLegend	123110	Flow cytometry antibody
PE-Dazzle 594 anti-mouse CD11b	BioLegend	101256	Flow cytometry antibody
Rompun	Bayer		Xylazine, anesthetic
thin forceps	Dumoxel Biology	11242-40	Dissection tool

Vetergesic	Ceva	Buprenorphin, analgesic
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