

Materials List for

Draining Lymph Node Metastasis Model for Assessing the Dynamics of Antigen-Specific CD8⁺ T Cells During Tumorigenesis

Yan Zhang¹, Xingxing Su², Lisha Wang², Zhengliang Yue², Qiao Liu³, Ling Ran², Shun Lei², Jianjun Hu², Lifan Xu², Lilin Ye², Ping Ji⁴, Guimei Li¹, Qizhao Huang⁵, Shuqiong Wen⁴

¹College of Veterinary Medicine, Qingdao Agricultural University

²Institute of Immunology, Third Military Medical University

³Institute of Cancer, Xinqiao Hospital, Third Military Medical University

⁴Stomatological Hospital of Chongqing Medical University

⁵Institute of life science, Chongqing Medical University

* These authors contributed equally

Correspondence to: Guimei Li at 201201054@qau.edu.cn, Qizhao Huang at huangqizhao1988@163.com, Shuqiong Wen at 501600@hospital.cqmu.edu.cn

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Materials

Name	Company	Catalog Number	Comments
1.5 mL centrifuge tube	KIRGEN	KG2211	
100 U insulin syringe	BD Biosciences	320310	
15 mL conical tube	BEAVER	43008	
2,2,2-Tribromoethanol (Avertin)	Sigma	T48402-25G	
2-Methyl-2-butanol	Sigma	240486-100ML	
70 µm nylon cell strainer	BD Falcon	352350	
APC anti-mouse CD45.1	BioLegend	110714	Clone:A20
B16-GP cell line	Beijing Biocytogen Co.Ltd, China	Custom	
BSA-V (bovine serum albumin)	Bioss	bs-0292P	
cell culture dish	BEAVER	43701/43702/43703	
centrifuge	Eppendorf	5810R-A462/5424R	
cyclophosphamide	Sigma	C0768-25G	
Cyclophosphamide (CTX)	Sigma	PHR1404	
Dulbecco's Modified Eagle Medium	Gibco	C11995500BT	
EDTA	Sigma	EDS-500g	
FACS tubes	BD Falcon	352052	
fetal bovine serum	Gibco	10270-106	
flow cytometer	BD	FACSCanto II	
hemocytometer	PorLab Scientific	HM330	
isoflurane	RWD life science	R510-22-16	
KHCO3	Sangon Biotech	A501195-0500	
LIVE/DEAD Fixable Near-IR Dead Cell Stain Kit, for 633 or 635 nm excitation	Life Technologies	L10199	
needle carrier	RWD Life Science	F31034-14	
NH4Cl	Sangon Biotech	A501569-0500	
paraformaldehyde	Beyotime	P0099-500ml	
PE anti-mouse TCR Vα2	BioLegend	127808	Clone:B20.1

Pen Strep Glutamine (100x)	Gibco	10378-016	
PerCP/Cy5.5 anti-mouse CD8a	BioLegend	100734	Clone:53-6.7
RPMI-1640	Sigma	R8758-500ML	
sodium azide	Sigma	S2002	
surgical forceps	RWD Life Science	F12005-10	
surgical scissors	RWD Life Science	S12003-09	
suture thread	RWD Life Science	F34004-30	
trypsin-EDTA	Sigma	T4049-100ml	