

Materials List for:

Depletion of Mouse Cells from Human Tumor Xenografts Significantly Improves Downstream Analysis of Target Cells

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Materials

Name	Company	Catalog Number	Comments
Tumor Dissociation Kit, human	Miltenyi Biotec	130-095-929	contains enzymes H, R and A; see data sheet for reconstitution instructions
RPMI 1640	Biowest	L0501-500	
gentleMACS C-Tubes	Miltenyi Biotec	130-096-334	
gentleMACS Octo Dissociator with Heaters	Miltenyi Biotec	130-096-427	
MACS SmartStrainer (70 µm)	Miltenyi Biotec	130-098-462	
Petri dish 100 mm	Various		
Scalpel	Various		
Mouse Cell Depletion Kit	Miltenyi Biotec	130-104-694	
PBS	Various		use 1x PBS for PEB buffer
EDTA	Sigma-Aldrich	3610	use final concentration of 2 mM in PEB buffer
BSA	Miltenyi Biotec	130-091-376	or use 5 mg/L BSA in PEB buffer
MACS LS columns	Miltenyi Biotec	130-042-401	
QuadroMACS Separator	Miltenyi Biotec	130-090-976	
MACS MultiStand	Miltenyi Biotec	130-042-303	
PreSep filters (70 µm)	Miltenyi Biotec	130-095-823	
MACSmix Tube Rotator	Miltenyi Biotec	130-090-753	
CD326-FITC, human	Miltenyi Biotec	130-080-301	use 1:40 for immunofluorescence staining
anti-Vimentin antibody	abcam	ab92547	
goat-anti-mouse IgG-Alexa488	Life Technologies	A11029	
goat-anti-rabbit IgG-Alexa594	Life Technologies	A11012	
DAPI	Sigma-Aldrich	D9542	dilute to a final concentration of 0.1 µg/ml in 0.1 M sodium bicarbonate
Inside Stain Kit	Miltenyi Biotec	130-090-477	InsideFix from this kit can be used for fixation step during immunofluorescence staining
FBS	Various		
Triton X-100	Sigma-Aldrich	93418	
FcR Blocking Reagent, mouse	Miltenyi Biotec	130-092-575	
Gelatin	Sigma-Aldrich	G2500-100g	
Nextera Rapid Capture Enrichment Kit	Illumina	FC-140-1000	

MiSeq Reagent Kit v3	Illumina	MS-102-3001	
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