

Materials List for:

Preparation of Myeloid Derived Suppressor Cells (MDSC) from Naive and Pancreatic Tumor-bearing Mice using Flow Cytometry and Automated Magnetic Activated Cell Sorting (AutoMACS)

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Materials

Name	Company	Catalog Number	Comments
1X Phosphate Buffered Saline	Thermo Scientific Hyclone	SH30028.02	Ca ²⁺ /Mg ²⁺ /Phenol Red-free
Albumin from Bovine Serum (BSA)	Sigma-Aldrich	A7906	Let BSA dissolve undisturbed in PBS; Sterile Environment
Fetal Bovine Serum (FBS)	Thermo Scientific Hyclone	SV3001403HI	Heat Inactivated; Sterile Environment
Rat anti-mouse CD16/32 monoclonal antibody (Fc Block)	BD Biosciences	553142	Sterile Environment
Anti-mouse CD11b (Mac-1) FITC	eBioscience	11-0112	Sterile Environment
Anti-mouse Ly6G (Gr-1) APC	eBioscience	17-5931	Sterile Environment
Anti-mouse Ly6G (Gr-1) PE	eBioscience	12-5931	Sterile Environment
DAPI	Invitrogen	D1306	Serial Dilution Sterile Environment
Cell Dissociation Sieve	Sigma-Aldrich	CD1-1KT	Autoclave before use
70-µm strainer	BD Biosciences	352350	Sterile Environment
1X RBC Lysis Buffer	eBioscience	00-4333-57	Warm to room temperature before use; Sterile Environment
Petri dishes	Fisher Scientific	08-757-12	Sterile Environment
50ml conical tubes	Thermo Fisher Scientific, Inc.	339652	Sterile Environment
5ml 12X75mm polystyrene round bottom tubes	BD Biosciences	352054	Known as FACS tubes; Sterile Environment
96-well V-bottom plates	Corning	3897	Sterile Environment
Trypan Blue	Cellgro	25-900-CI	Sterile Environment
PE MicroBeads	Miltenyi Biotec	130-048-801	Sterile Environment
AutoMACS Pro Separator	Miltenyi Biotec	130-092-545	
AutoMACS Columns	Miltenyi Biotec	130-021-101	
AutoMACS Running Buffer	Miltenyi Biotec	130-091-221	