

Materials List for:

## Generation of Human Monocyte-derived Dendritic Cells from Whole Blood

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### Materials

Name	Company	Catalog Number	Comments
APC Mouse Anti-Human CD19 Clone HIB19	BD Biosciences	555415	
APC Mouse Anti-Human CD83 Clone HB15e	BD Biosciences	551073	
BD Imag Anti-Human CD14 Magnetic Particles	BD Biosciences	557769	
BD Imagnet	BD Biosciences	552311	
BSA (Albumin Fraction V)	Carl Roth	EG-Nr 2923225	
Costar 6 Well Clear TC-Treated Multiple Well Plates	Costar	3506	
Density gradient media: Ficoll-Paque Premium	GE Healthcare Bio-Sciences	17-5442-03	
Dulbecco's Phosphate Buffered Saline (D-PBS)	Sigma-Aldrich	D8537	
Falcon 10 ml Serological Pipet	Corning	357551	
Falcon 25 ml Serological Pipet	Corning	357525	
Falcon 50 ml High Clarity PP Centrifuge Tube	Corning	352070	
Falcon Round-Bottom Tubes	Corning	352054	
FITC Mouse Anti-Human CD3 Clone HIT3a	BD Biosciences	555339	
Ghost Dye Violet 510 (Cell Viability Reagent)	Tonbo biosciences	13-0870	
GM-CSF	MACS Miltenyi Biotec	130-093-862	
Heat Inactivated FBS (Fetal Bovine Serum), EU Approved Origin (South America)	Gibco	10500-064	
Hettich Rotanta 460R	Hettich	---	
IL-4 CC	PromoKine	C-61401	
Isolation buffer: BD IMag Buffer (10x)	BD Biosciences	552362	
L-Glutamine solution	Sigma-Aldrich	G7513	
Microcentrifuge tubes, 1.5 ml, SuperSpin	VWR	211-0015	
PE Mouse Anti-Human CD14 Clone M5E2	BD Biosciences	555398	
PE Mouse Anti-Human CD209 Clone DCN46	BD Biosciences	551265	
RPMI-1640 medium	Sigma-Aldrich	R0883	
UltraPure 0.5 M EDTA, pH 8.0	Invitrogen	15575020	