

Materials List for:

Flow Cytometry Protocols for Surface and Intracellular Antigen Analyses of Neural Cell Types

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Materials

Name	Company	Catalog Number	Comments
DMEM/F12 (1:1) (Dulbecco's Modified Eagle Medium/Nutrient Mixture F-12)	 Life Technologies	11330057	
DPBS without Ca ²⁺ Mg ²⁺	 Life Technologies	14190169	
Fetal bovine serum, qualified, E.U.-approved, South America origin (FBS)	 Life Technologies	10270-106	
MEM Non-essential amino acids (100x)	 Life Technologies	11140035	
TrypLE Express	 Life Technologies	12604013	
Trypan blue solution, 0.4%	 Life Technologies	15250061	
Paraformaldehyde	 Carl Roth	335.3	
Bovine serum albumin (BSA) Fraction V	 PAA Laboratories, Coelbe	K41-001	
Tween-20 Detergent	 Calbiochem	655205	
Carboxyfluorescein succinimidyl ester (CFSE)	 eBioscience	65-0850-84	
DMSO	 AppliChem	A1584	
Bottle top filters express plus 0.22 µm, 250 ml	 Millipore	SCGPU02RE	
Cell culture treated flasks (T 25)	 NUNC	156367	
Cell culture treated flasks (T 75)	 NUNC	156499	
Conical tubes (15 ml)	 Greiner Bio-One	188271	
Conical tubes (50 ml)	 Greiner Bio-One	227261	
Pasteur pipet, glass (150 mm)	 STEIN Labortechnik, Remchingen	S03710150	
Pipet tips (0.1-10 µl)	 Corning	4125	
Pipet tips (1-200 µl)	 Corning	4126	
Pipet tips (100-1000 µl)	 Corning	4129	
Serological pipets, 5 ml	 Corning	4051	

Serological pipets, 10 ml	 Corning	4101	
Serological pipets, 25 ml	 Corning	4251	
Microcentrifuge tubes (0.5 ml)	 Sarstedt	72,699	
Microcentrifuge tubes (1.5 ml)	 Greiner Bio-One	616201	
Microcentrifuge tubes (2.0 ml)	 Sarstedt	72,695,500	
Anti-Human CD24 APC monoclonal antibody	 eBioscience	17-0247-42	Working dilution 1:50
Anti-Human CD54 PE monoclonal antibody	 eBioscience	12-0549-42	Working dilution 1:50
Neuronal Class III β -Tubulin (Tuj1) polyclonal antibody	 Covance	PRB-435P	Working dilution 1:2,000
Alexa Fluor 488 Donkey anti Rabbit	 Life Technologies	A21206	Working dilution 1:2,000
Zenon® Fluorescein Rabbit IgG Labeling Kit	 Life Technologies	Z-25342	
Neubauer-Improved counting chamber	 Marienfeld	0640010	
Vortex	 Scientific Industries	G560E	
Thermomixer comfort	 Eppendorf	5355 000.001	
Accuri C6 flow cytometer	 Becton Dickinson (BD)	653118	
Microcentrifuge refrigerated, PerfectSpin 24 R	 Peglab	91-PSPIN-24R	
Orbital shaker, Unimax 1010	 Heidolph	543-12310-00	
Centrifuge refrigerated, Rotanta 96 RC	 Hettich	4480-50	
Class II Biological safety cabinet Safe 2020	 Thermo Scientific	51026640	
CO ₂ Incubator, Heracell 240i	 Thermo Scientific	51026331	
Vacuum system, Vacuase comfort	 Integra Biosciences	158320	
Microscope, Axiovert 40 CFL	 Zeiss	451212	
Pipet controller, accu-jet pro	 Brand	26303	
Micropipet, Pipetman neo P20N (2-20 μ l)	 Gilson	F144563	
Micropipet, Pipetman neo P200N (20-200 μ l)	 Gilson	F144565	
Micropipet, Pipetman neo P1000N (100-1000 μ l)	 Gilson	F144566	