

Materials List for:

Methods for the Modulation and Analysis of NF- κ B-dependent Adult Neurogenesis

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Materials

Name	Company	Catalog Number	Comments
Moria MC17 Perforated Spoon	FST	10370-18	removal of the brains
Dissecting microscope	Carl Zeiss	Stemi SV8	removal of the brains
Surgical scissors	FST	14084-08	removal of the brains
Surgical scissors	FST	14381-43	removal of the brains
Dumont #5 forceps	FST	11254-20	removal of the brains
SuperFrost Slides	Carl Roth	1879	slides for immunohistochemistry
Paraformaldehyde	Sigma-Aldrich	P6148	fixative
TissueTek OCT compound	Sakura Finetek	1004200018	embedding of the brains
Normal Goat Serum	Jackson Immunolabs	005-000-001	blocking in IHC
Normal Rabbit Serum	Jackson Immunolabs	011-000-001	blocking in IHC
Normal Donkey Serum	Jackson Immunolabs	017-000-001	blocking in IHC
anti-Neurofilament-M antibody	Developmental Studies Hybridoma Bank	2H3	IHC, Dilution 1:200
anti-Doublecortin antibody	sc-8066	Santa Cruz	IHC, Dilution 1:800
anti-GFP antibody	Abcam	ab290	IHC, Dilution 1:2,000
anti-BrdU antibody	OBT0030G	Accurate Chemicals	IHC, Dilution 1:2,000
Fluoro-Jade C	FJ-C	HistoChem	Determination of neuronal cell death
Betadine	Mundipharma	D08AG02	disinfectant
Cryomicrotome	Leica	CM1900	preparation of brain slices
Heparin sodium salt	Sigma-Aldrich	H3393	perfusion
Circular plate made from hard-plastic (diameter 120 cm)	lab made	none	plate for SPS-BM, diameter 120 cm
Buraton rapid disinfectant	Schülke Mayr	113 911	disinfectant
Video-tracking system TSE VideoMot 2 with Software Package VideoMot2	TSE Systems	302050-SW-KIT	tracking and analysis of SPS-BM
Triton X-100	Sigma Aldrich	T8787	permeabilization/IHC
Cryotome	Reichert Jung/Leica	Frigomobil 1206	preparation of 40 μ m brain slices
Mowiol 4-88	Carl Roth	Art.-Nr. 0713	embedding of the slides
SYTOX green	Invitrogen	S7020	Nuclear staining
Food pellets (Kellog's Froot Loops)	Kellog's		SPS-BM
Prism, Version 3.0	Graph Pad Software, San Diego, USA		Statistical evaluation of SPS-BM
Zen 2008 or Zen 2011 Software	Carl Zeiss		Software (Confocal microscope)

D.P.X	Sigma-Aldrich	317616	mounting medium for Fluoro-Jade C staining
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