

Materials List for

Lineage Tracing of Inducible Fluorescently-Labeled Stem Cells in the Adult Mouse Brain

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jove.com/video/63998

Materials

Name	Company	Catalog Number	Comments
Antibody diluent	Agilent	S080983-2	
Antigen Retrieval Solution	Agilent	S2367	
anti-GFP antibody	Invitrogen	A2311	Use at 1:500-1:1000
Acetone	Fisher Scientific	A18-4	
B6.Cg-Tg(tet0-cre)1Jaw/J	The Jackson Laboratory	JAX:006234	
B6.129(Cg)-Gt(ROSA)26Sortm4(ACTB-tdTomato,-EGFP)Luo/J	The Jackson Laboratory	JAX:007676	
Blocking Solution (IHC)	Millipore Sigma	20773	
Blunt needle	BSTEAN	X0012SYHIV	
Coronal brain block	Braintree	BS-2000C	
Cover slip	Corning	2850-22	
Cryostat	Leica	CM1900	
DAPI	Sigma-Aldrich	D564	
Dibenzyl ether	Millipore Sigma	33630	
Dichloromethane	Sigma-Aldrich	270997	
Dimethyl Sulfoxide	Sigma-Aldrich	D8418	
Donkey Serum	Sigma-Aldrich	D9663	
Doxycycline Hyclate	Sigma-Aldrich	D9891	
Glycine	Bio-Rad	161-0718	
Heparin Sodium Salt from Porcine Mucosa	Sigma-Aldrich	H3393	
Histochoice Molecular Biology Tissue Fixative	Amresco	H120	This product has since been discontinued, but can be replaced with Glyo-Fixx (Thermo Scientific, 6764265)
Hydrogen Peroxide Solution	Sigma-Aldrich	516813	
IHC Select TBS Rinse Buffer	Millipore Sigma	20845	

Ketamine	Westward	0143-95095-10	This product requires a DEA license for storage and use.
Methanol	Fisher Scientific	A452-4	
Microscope Slides	Fisherbrand	12-550-15	
Millipore Block	Millipore	20773	
Mounting medium	Millipore Sigma	5013	
Optimal Cutting Temperature Solution	Sakura	4583	
Paraformaldehyde	Sigma-Aldrich	P6148	
PBS Solution (10X)	Teknova	P0496	
Sagittal brain block	Braintree	RBM-2000S	
Saline	Braun	S8004-5264	
Sucrose	Sigma-Aldrich	S7903	
Sudan (Tygogen) Black	Millipore Sigma	199664	
Tetrahydrofuran	Sigma-Aldrich	186562	
Tissue cartridge	Simport	M512	
Triton X-100	Bio-Rad	1610407	
Tween-20	Millipore Sigma	655205	
Xylazine	AnaSed	sc-362950Rx	