

Materials List for

Demonstrating Hairy and Glabrous Skin Innervation in a 3D Pattern Using Multiple Fluorescent Staining and Tissue Clearing Approaches

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Citation

Wang, X., Cao, W., Shi, J., Zhang, X., Qu, Z., Xu, D., Wan, H., Su, Y., He, W., Jing, X., Bai, W. Demonstrating Hairy and Glabrous Skin Innervation in a 3D Pattern Using Multiple Fluorescent Staining and Tissue Clearing Approaches. *J. Vis. Exp.* (183), e63807, doi:10.3791/63807 (2022).

Date Published

May 20, 2022

DOI

10.3791/63807

URL

jove.com/video/63807

Materials

Name	Company	Catalog Number	Comments
1x phosphate-buffered saline	Solarbio Life Sciences	P1020	pH 7.2-7.4, 0.01 Mol
2,2,2-Tribromoethanol	Sigma Life Science	T48402-5G	
Confocal fluorescence microscopy	Olympus Corporation	Fluoview FV1200	
Donkey anti-mouse IgG H&L Alexa-Fluor488	Abcam plc.	ab150105	
Donkey anti-sheep IgG H&L Alexa-Fluor405	Abcam plc.	ab175676	
EP tube	Wuxi NEST Biotechnology Co.	615001	1.5 mL
Freezing stage sliding microtome system	Leica Biosystems	CM1860	
Imaris Software	Oxford Instruments	v.9.0.1	
IRIS standard scissor	WPI (World Precision Instruments Inc.)	503242	
iSpacer	SunJin Lab co.	IS005	
Micro forceps-Str	RWD	F11020-11	
Mouse monoclonal anti-CGRP antibody	Santa cruz biotechnology, Inc.	sc-57053	
Neutral buffered Formalin	Solarbio Life Sciences	G2161	10%
Normal donkey serum	Jackson ImmunoResearch Laboratories	017-000-12	10 mL
Peristaltic pump	Longer Precision Pump Co., Ltd	BT300-2J	
Phalloidin Alexa-Fluor 594	Thermo Fisher Scientific	A12381	
RapiClear 1.52 solution	SunJin Lab co.	RC152001	10 mL
Regular agarose	Gene Company Limited	G-10	
SEMKEN 1 x 2 Teeth Tissue Forceps-Str	RWD	F13038-12	

Sheep polyclonal anti-LYVE1 antibody	R&D Systems, Inc.	AF7939	
Six-well plate	Corning Incorporated	3335	
Sodium azide	Sigma Life Science	S2002	25 g
Sucrose	Sigma Life Science	V900116	500 g
Super Glue	Henkel AG & Co.	Pattex 502	
Surgical Handles	RWD	S32003-12	
Triton X-100	Solarbio Life Sciences	9002-93-1	100 mL
Urethane	Sigma Life Science	U2500	500 g
VANNAS spring scissors	RWD	S1014-12	
Vibratory microtome	Leica Biosystems	VT1200S	