

Materials List for:

Visualization and Analysis of Pharyngeal Arch Arteries using Whole-mount Immunohistochemistry and 3D Reconstruction

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Materials

Name	Company	Catalog Number	Comments
10x PBS	MP Biomedicals	PBS10X02	
20x water immersion objective	Nikon	MRD77200	
Agarose	Bio-Rad Laboratories	1613101	
Alexa Fluor 488 anti-goat	Invitrogen	A-11055	
Alexa Fluor 555 anti-mouse	Invitrogen	A-31570	
Analysis Software	Imaris 9.2.0		
Benzyl Alcohol	Sigma-Aldrich	305197	
Benzyl Benzoate	Sigma-Aldrich	8.18701.0100	
Cover Slips	VWR	16004-312	
DAPI (5 mg/mL stock)	Fisher Scientific	D3571	
Eppendorf Tubes (2.0 mL)	Fisher Scientific	05-408-138	
Ethanol	VWR	89370-084	
Falcon tubes (50 mL)	Corning	352098	
Fast wells	Grace Bio Labs	664113	
Forceps	Roboz	RS-5015	
Goat anti-VEGFR2	R&D Systems, Inc.	AF644	
Methanol	VWR	BDH1135-4LP	
Microscope	Nikon	A1HD25	
Mouse anti-ERG	Abcam	ab214341	
Normal Donkey Serum	Sigma-Aldrich	D9663	
Paraformaldehyde	Electron Microscopy Sciences	15710	
Pasteur pipets	Fisher Scientific	13-678-20D	
Petri dishes (35 mm)	Genesee Scientific	32-103	
Petri dishes (60 mm)	Genesee Scientific	32-105	
Plastic Molds	VWR	18000-128	
Scapels	Exelint International Co.	29552	
Triton-X-100	Fisher Scientific	BP 151-500	