

Materials List for

# Three-Dimensional Imaging of Organoids to Study Primary Ciliogenesis During *ex vivo* Organogenesis

Maela Duclos<sup>1</sup>, Claude Prigent<sup>1,2</sup>, Roland Le Borgne<sup>1</sup>, Vincent J. Guen<sup>1,3</sup>

<sup>1</sup>Univ Rennes, CNRS, IGDR (Institut de Génétique et Développement de Rennes) <sup>2</sup>CRBM, CNRS, University Montpellier <sup>3</sup>CRCINA, INSERM, CNRS, Université d'Angers, Université de Nantes

## Corresponding Author

Vincent J. Guen  
vincent.guen@univ-nantes.fr

## Citation

Duclos, M., Prigent, C., Le Borgne, R., Guen, V.J. Three-Dimensional Imaging of Organoids to Study Primary Ciliogenesis During *ex vivo* Organogenesis. *J. Vis. Exp.* (171), e62365, doi:10.3791/62365 (2021).

## Date Published

May 14, 2021

## DOI

10.3791/62365

## URL

jove.com/video/62365

## Materials

Name	Company	Catalog Number	Comments
Anti-mouse IgG1 647	Thermo-Fisher	A21240	
Anti-mouse IgG2A 488	Thermo-Fisher	A21131	
Anti-rabbit 546	Thermo-Fisher	A11035	
Arl13b	NeuroMab	73-287	
EMS 16% Paraformaldehyde Aqueous Solution, EM Grade	Electron Microscopy Sciences	15710	
FBS	Thermo-Fisher	10270106	
gtubulin	Sigma-Aldrich	T5326	
Hoechst 33342	Thermo-Fisher	62249	
Integrin a6	Biolegend	313616	
Light Sheet Capillary	Zeiss	701908	
Light Sheet plunger	Zeiss	701998	
Low binding Microcentrifuge tubes	BioScience	27210	
Normal Goat Serum Blocking Solution	Vector labs	S-1000	
PBS	Sigma-Aldrich	p3587	
Slug	Cell Signaling Technology	9585	
Triton-X100	Sigma-Aldrich	T9284	
Tween-20	Euromedex	9005-64-5	
UltraPure Low Melting Point Agarose	Thermo-Fisher	16520050	