

Materials List for:

# CUBIC Protocol Visualizes Protein Expression at Single Cell Resolution in Whole Mount Skin Preparations

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URL: <https://www.jove.com/video/54401>

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## Materials

Name	Company	Catalog Number	Comments
Paraformaldehyde	Sigma-Aldrich	P6418	
Ethanol 96% (undenaturated)	Chem-supply	UN1170	
Nile Red	Sigma-Aldrich	72485-100MG	
4',6-diamidino-2-phenylindole (DAPI)	Roche	10236276001	
N,N,N',N'-tetrakis (2-hydroxypropyl) ethylenediamine	Merck Millipore	821940	
Polyethylene glycol mono-p-isooctylphenyl ether	Merck Millipore	648462	
Triton X-100	Merck Millipore	648462	
Sucrose	Sigma-Aldrich	S0389	
Optimal Cutting Temperature (OCT) Compound	Tissue-Tek	4583	
anti-Keratin14 antibody	Covance	PRB-155P	
anti-Ki67 antibody	Abcam	ab16667	
Donkey anti-rabbit Alexa 594	Life Technologies	A21207	
Dimethylsulfoxide	Sigma-Aldrich	D2650	
Urea	Merck Millipore	66612	
2,2',2"-nitrilotriethanol	Merck Millipore	137002	
Confocal Microscope	Nikon Instruments Inc	Nikon A1 - Confocal Microscope	
cruZer6 Face Trimmer	Braun	Braun cruZer6 Face	
Sodium azide	Sigma-Aldrich	438456	