

Materials List for:

# Horizontal Whole Mount: A Novel Processing and Imaging Protocol for Thick, Three-dimensional Tissue Cross-sections of Skin

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## Materials

Name	Company	Catalog Number	Comments
PBS			homemade
Gelatin, from cold water fish skin	Sigma	G7765	250ML
Glycerol	BDH Laboratory Supplies	444482V	
O.C.T. compound	VWR chemicals	361603E	
Peel-A-Way embedding molds	Sigma	E6032-1CS	Square S-22
Non-Fat Powdered Milk	Bio Basic Inc.	NB0669	
Triton X-100	Sigma	T9284	500ML
4',6-Diamidino-2-phenylindole, dilactate (DAPI)	Invitrogen	D3571	
FITC Rat Anti-Human CD49f	BD Pharmingen	555735	
Mouse/Rat Integrin alpha 8 Antibody	R&D Systems	AF4076	
Alexa Fluor 488 donkey anti-rat IgG	Life Technologies	A21208	
Alexa Fluor 555 donkey anti-goat IgG	Life Technologies	A21432	
CryoStar NX70	Thermo Fisher Scientific		
100mm Culture dishes			
Disposable scalpels	Swann-Morton	Ref 0501	
pointed metal forceps			
1.5 ml microcentrifuge tubes	VWR	211-2130	
12 Well plates	Sigma	CLS3513	
Dissecting microscope	Nikon		
20 ul and 1000 ul Pipette	Gilson		
1000µl XL Graduated TipOne Filter Tip (Sterile)	Star Lab	S1122-1830	
20µl Bevelled TipOne Filter Tip (Sterile)	Star Lab	S1120-1810	
Rocking shaker plate			
Microscope slides, menzel Glaeser	Thermos Scientific	631-9483	Superfrost Plus
Cover Glasses, Menzel Glaeser	Thermos Scientific	MENZBB024060AB	24 x 60 mm
Confocal microscope	Nikon		