

Materials List for

# Preparation and Immunofluorescence Staining of Bundles and Single Fiber Cells from the Cortex and Nucleus of the Eye Lens

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jove.com/video/65638

## Materials

Name	Company	Catalog Number	Comments
100% Triton X-100	FisherScientific	BP151-500	
60mm plate	FisherScientific	FB0875713A	
16% paraformaldehyde	Electron Microscopy Sciences	15710	
10X phosphate buffered saline	ThermoFisher	70011-044	
1X phosphate buffered saline	ThermoFisher	14190136	
48-well plate	CytoOne	CC7672-7548	
Cover slips (22 x 40 mm)	FisherScientific	12-553-467	
Curved tweezers	World Precision Instruments	501981	
Dissection microscope	Carl Zeiss	Stereo Discovery V8	
Fine tip straight tweezers	Electron Microscopy Sciences	72707-01	
Fisherbrand Superfrost Plus Microscope Slides	FisherScientific	12-550-15	
LSM 800 confocal microscope with Airyscan (63X) and Zen 3.5 Software	Carl Zeiss		
Nail polish			
Normal donkey serum	Jackson ImmunoResearch	017-000-121	
Phalloidin (rhodamine)	ThermoFisher	R415	
Primary antibody			
Scalpel Feather Disposable, steril, No. 11	VWR	76241-186	
Secondary antibody			
Straight forceps	World Precision Instruments	11252-40	
Thermo Scientific Nunc MicroWell MiniTrays (dissection tray)	FisherScientific	12-565-154	
Ultra-fine scissors	World Precision Instruments	501778	
VECTASHIELD Antifade Mounting Medium with DAPI	Vector Laboratories	H-1200	

Wheat germ agglutinin (fluorescein)	Vector Laboratories	FL-1021-5	
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