

Materials List for:

Identification of Cells with Markers of Cellular Senescence in Human Formalin-fixed, Paraffin-embedded Brain Tissue Sections

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URL: <https://www.jove.com/video/50520>

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Materials

Name	Company	Catalog Number	Comments
Xylene	Fisher Scientific	X3P-1GAL	histological grade, flammable
Reagent Alcohol	Fisher Scientific	A962F-1GAL	flammable liquid
Citric acid monohydrate	Sigma Aldrich	C7129-500G	eye irritant
Phosphate-buffered Saline	Mediatech	46-013-CM	10X
Bovine Serum Albumin	Gemini Bioproducts	700-101P	
Triton X-100	Sigma Aldrich	T-9284	irritant
ImmEdge Pen (PAP pen)	Vector Laboratories	H-4000	
Goat Serum	MP Biomedicals	191356	
Donkey Serum	Millipore	S30-100ML	
Mouse anti p16 antibody	Santa Cruz Biotechnology	sc-1661	
Rabbit anti GFAP antibody	Millipore	AB5804	
Alexa Fluor 488 Goat Anti-Rabbit IgG (H+L)	Life Technologies	A-11008	
Alexa Fluor 555 Donkey Anti-Mouse IgG (H+L)	Life Technologies	A31570	
DAPI (4',6-Diamidino-2-phenylindole dihydrochloride)	Sigma Aldrich	32670-5MG-F	
Vectashield Mounting Medium	Vector Laboratories	H-1000	
Coverslips	Fisher Scientific	12-544-14	24x50 mm
Clear nail polish	Any supplier		
Heat steamer	Any supplier		rice cooker
Olympus BX61 fluorescence microscope	Olympus		
Hamamatsu ORCA-ER camera			
Slide Book 4 Software	Intelligent Innovations, Inc	version 4.0.1.44	