

Materials List for:

Heat-Induced Antigen Retrieval: An Effective Method to Detect and Identify Progenitor Cell Types during Adult Hippocampal Neurogenesis

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URL: <https://www.jove.com/video/50769>

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Materials

Name	Company	Catalog Number	Comments
SuperFrost Plus Slide	Fisherbrand	12-550-15	Provides strong adherence to hippocampal tissue during boiling
PVA/DABCO Mounting Media	Sigma Aldrich	10981-100 ml	
Nestin (chicken)	Aves Lab	NES	Neural stem cell marker
GFAP (rabbit)	Dako North America	Z033401-2	Astrocyte and neural stem cell marker
MCM2 (mouse)	BD Transduction Laboratory	610701	Proliferation marker
DCX (goat)	Santa Cruz Biotechnology	SC8066	Immature neuron marker
Tbr2 (rabbit)	Abcam	Ab23345	Amplifying progenitor marker
NeuN (mouse)	Millipore	MAB377	Mature neuron marker
Cy2 (anti-rabbit)	Jackson ImmunoResearch	111-226-047	
Cy2 (anti-chicken)	Jackson ImmunoResearch	303-165-006	
Cy5 (anti-mouse)	Jackson ImmunoResearch	315-175-047	
Cy5 (anti-goat)	Jackson ImmunoResearch	305-165-047	
DAPI	Life Technologies Corporation	D1306	
Dako Pen	S2002	Dako	Water-repellant pen