

Materials List for:

Retinal Cryo-sections, Whole-Mounts, and Hypotonic Isolated Vasculature Preparations for Immunohistochemical Visualization of Microvascular Pericytes

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URL: <https://www.jove.com/video/57733>

DOI: [doi:10.3791/57733](https://doi.org/10.3791/57733)

Materials

| Name | Company | Catalog Number | Comments |
|---|--------------------------|-------------------------|--------------------------|
| Geletin from porcine skin | Sigma-Aldrich | G2625-500G | |
| Albumin from chicken egg white | Sigma-Aldrich | A5253-500G | |
| Deoxyribonuclease (DNAse) I from bovine pancreas | Sigma-Aldrich | D5025-15KU | Dissolved in 0.15 M NaCl |
| Bovine serum albumin (BSA) | VWR | 0332-100G | |
| Normal donkey serum | Jackson ImmunoResearch | 017-000-121, lot 129348 | |
| Rabbit anti-PDGFR β | Santa Cruz | sc-432 | 1:100 |
| Mouse anti-NG2 | Abcam | ab50009 | 1:500 |
| Alexa Fluor 594 AffiniPure Donkey Anti-Rabbit IgG | Jackson ImmunoResearch | 711-585-152 | 1:100 |
| Fluorescein (FITC) AffiniPure Donkey Anti-Mouse IgG (H+L) | Jackson ImmunoResearch | 715-095-151 | 1:100 |
| Cy2 AffiniPure Donkey Anti-Rabbit IgG (H+L) | Jackson ImmunoResearch | 711-225-152 | 1:100 |
| Cy3 AffiniPure Donkey Anti-Mouse IgG (H+L) | Jackson ImmunoResearch | 715-165-150 | 1:100 |
| 4',6-diamidino-2-phenylindole (DAPI) | Sigma-Aldrich | D9542-1MG | Dissolved in DMSO |
| Anti-fading mounting medium | Vector Laboratories | H-1000 | |
| Anti-fading mounting medium with DAPI | Vector Laboratories | H-1200 | |
| Nunc Lab-Tek II 4-well chamber slide | Thermo Fisher Scientific | 154526 | |