**Supplementary File 1a.**

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| --- | --- | --- |
| **Antibody**  | **Supplier and Cat. No. (concentration)**  | **Dilution in** **NGS**  |
| **Primary antibodies**  |  |  |
| Monoclonal rabbit anti-PDGFRβ  | Abcam, ab32570 (0.15 mg/ml)  | 1/1000  |
| Monoclonal rabbit anti-CD146  | Abcam, ab75769 (0.123mg/ml)  | 1/1000  |
| Polyclonal rabbit anti-NG2  | Abcam, ab12905  | 1/600  |
| Polyclonal rabbit anti-CD31  | Abcam, ab28364 (1mg/ml)  | 1/500  |
| Polyclonal rabbit anti-EpCAM  | Abcam, ab71916 (1mg/ml)  | 1/2000  |
| Polyclonal rabbit anti-PDGFRA  | Santa Cruz Biotechnology, sc-338 (100μg/ml)  | 1/1000  |
| **Secondary antibodies**  |   |   |
| Goat F(ab) anti-rabbit IgG H&L (HRP)  | Abcam, ab7171 (1mg/ml)  | 1/500  |

**Supplementary File 1b.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Antibody**  | **Supplier Cat. No. (concentration)**  | **Excitation λ (nm)**  | **Emission λ (nm)**  | **Dilution**  |
| BV421 anti-mouse CD31  | BioLegend 102423 (0.2mg/ml)  | 405  | 421  | 1/200  |
| BV421 anti-mouse CD45  | Fischer Scientific BDB560501 (0.2mg/ml)  | 404  | 448  | 1/100  |
| APC anti-mouse CD146  | BioLegend 134712 (0.2mg/ml)  | 650  | 660  | 1/200  |
| BV605 anti-mouse EpCAM  | BioLegend 118227 (0.2mg/ml)  | 405  | 603  | 1/400  |
| FITC anti-mouse CD90  | Invitrogen 11-0902-82 (0.5 mg/ml)  | 490  | 525  | 1/100  |
| DAPI (4’,6Diamidino-2Phenylindole,Dilactate)  | Fischer Scientific D3571 (10mg powder reconstituted to a 0.1μg/μl working solution)  | 358  | 461  | 1/1000  |