**S2 Table: List of all the immunostainings.** Immunostaining performed and relevant details.Tris-buffered saline (TBS), phosphate buffered saline (PBS), 4’,6-diamidin-2’-phenylindoldihydrochlorid (DAPI).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Antigen(s)** | **Preincubation/**  **Blocking** | **1st detection system** | **2nd detection system** | **3rd detection system** | **counter staining** |
| **CD14/CD31** | 10% goat serum in TBS | Alexa Fluor® 546 | Alexa Fluor® 488 |  | DAPI |
| **CD14/CD68** | 10% goat serum in TBS | Alexa Fluor® 546 | Alexa Fluor® 488 |  | DAPI |
| **CD34** | 10% goat serum in PBS | Alexa Fluor® 488 |  |  | DAPI |
| **CD34/CD31** | 10% goat serum in PBS | Alexa Fluor® 488 | Rhodamine |  | DAPI |
| **CD34/Ki-67** | Avidin/Biotin Blocking Kit Vectore  3% H2O2 in Methanol | Biotin Complex – Alkaline. Phosphatase  +  Vector Blue Kit (AP) | VECTASTAIN® Elite® ABC-HRP Kit  +  3,3-Diaminobenzidin (DAB) |  | Mayer´s Hämalaun |
| **CD34/NK1R** | Avidin/Biotin Blocking Kit Vectore  Peroxidase Block  Envision kit | Biotin Complex – Alkaline. Phosphatase  +  Vector Blue Kit (AP) | 3-Amino-9-Ethylcarbazole (AEC) |  | Mayer´s Hämalaun |
| **CD68** |  | Alexa Fluor® 488 |  |  | DAPI |
| **CD68/Active-caspase3** | 10% goat serum in TBS | Alexa Fluor® 546 | Alexa Fluor® 488 |  | DAPI |
| **CD68/CD34** | 10% goat serum in PBS | Alexa Fluor® 546 | Alexa Fluor® 488 |  | DAPI |
| **CD68/c-kit** | Pre-incubation with 1% BSA in TBS | Alexa Fluor® 546 | Alexa Fluor® 488 |  | DAPI |
| **CD68/EdU** |  | Alexa Fluor® 488 | Alexa Fluor® 594 |  | DAPI |
| **CD68/CD34/EdU** | 10% goat serum in PBS | Alexa Fluor® 488 | Alexa Fluor® 546 | DieBlue 350 |  |
| **CD68/ki-67** |  | Alexa Fluor® 488 | Rhodamine |  | DAPI |
| **CD68/TUNEL** |  | Alexa Fluor® 546 | Fluorescein |  | DAPI |
| **MHCII** | 10% goat serum in TBS | Rhodamine |  |  | DAPI |
| **MHCII/ki-67** | Pre-incubation with 1% BSA in TBS | Alexa Fluor® 488 | Alexa Fluor® 546 |  | DAPI |
| **PH3/CD68** | 10% goat serum in TBS +0.1% Triton | Alexa Fluor® 488 | Alexa Fluor® 546 |  | DAPI |
| **P-Selectin** | 10% goat serum in PBS | Rhodamine |  |  | DAPI |