Table **X**. Key Biological and/or Chemical Resources

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Antibody** | **Host/Target** | **Clone** | **Application** | **Vendor** |
| CD45 | Rat anti-mouse | 30-F11 | FACS | eBioscience |
| CD11b | Rat anti-mouse | M1/70 | FACS | Biolegend |
| F4/80 | Rat anti-mouse | BM8 | FACS | Biolegend |
| Galectin-3 | Rat anti-mouse | M3/38 | FACS | Novus Biologicals |
| CD31 | Rat anti-mouse | MEC13.3 | FACS | Novus Biologicals |
| Ly-6A/Ly-6E | Rat anti-mouse | D7 | FACS | Biolegend |
| CD11a | Rat anti-mouse | 2D7 | FACS | BD Biosciences |
| ICAM-1 | Hamster anti-mouse | 3E2 | FACS | BD Biosciences |
| CD11c | Hamster anti-mouse | N418 | FACS | Biolegend |
| CD117 | Rat anti-mouse | ACK2 | FACS | Biolegend |
| CD36 | Hamster anti-mouse | HM36 | FACS | Biolegend |
| SR-A | Recombinant anti-mouse | REA148 | FACS | Miltenyl Biotec |
| CD28 | Hamster anti-mouse | 37.51 | FACS | BD Biosciences |
| CD106 | Rat anti-mouse | 429 | FACS | Biolegend |
| P-Selectin | Rat anti-mouse | RB40.34 | FACS | BD Biosciences |
| MCP-1 | Hamster anti-mouse | 2H5 | FACS | Biolegend |
| IL1b | Rat anti-mouse | NJTEN3 | FACS | eBioscience |
| Acta2 | Mouse anti-mouse | 1A4 | IF, FACS | Sigma-Aldrich |
| CD86 | Rat anti-mouse | GL-1 | FACS | Biolegend |
| IL1R1 | Hamster anti-mouse | JAMA-147 | FACS | Biolegend |
| CD206 | Rat anti-mouse | C068C2 | FACS | Biolegend |
| Ly6-G | Rat anti-mouse | 1A8 | FACS | Biolegend |
| Ly6-C | Rat anti-mouse | HK1.4 | FACS | Biolegend |
| CD115 | Rat Anti-mouse | AFS98 | FACS | Biolegend |
| CD16/CD32 Fc R | Rat Anti-mouse | 93 | FACS | eBiosciences |
| CD45.1 | Mouse anti-mouse | A20 | FACS | BD Pharminogen |
| CD45.2 | Mouse anti-mouse | 104 | FACS | Biolegend |
| Annexin V | All mammalian species | 640919 | FACS | Biolegend |
| CD69 | Hamster anti-mouse | H1.2F3 | FACS | eBiosciences |
| CD19 | Rat anti-mouse | eBio1D3 | FACS | eBiosciences |
| CD8a | Rat anti-Mouse | 53-6.7 | FACS | eBiosciences |
| CD4 | Rat anti-mouse | GK1.5 | FACS | eBiosciences |
| CD3 | Rat anti-mouse | 17A2 | FACS | eBiosciences |
| CD34 | Rat anti-mouse | RAM34 | FACS | eBiosciences |
| BrdU | Mouse anti-mouse | Bu20a | FACS | Biolegend |
| CD105 | Rat anti-mouse | MJ7/18 | FACS | eBioscience |
| GFP | Goat polyclonal | Ab 6673 | IF, WB, IHC | Abcam |
| Lgals3 | Rat anti-Mouse | M3/38 | IF | Cedarlane |
| MKI67 | Rabbit anti-human | ab15580 | IF | Abcam |
| Cleaved Caspase-3 | Rabbit anti-human | 9661 | IF | Cell Signaling |
| Myh11 | Rat anti-mouse | KM3669 | IF | Kamiya Biomedical |
| Pdgfbr | Rabbit anti-human | Y92 | IF, FACS | Abcam |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Cell Lines** | **Mouse Line** | **Tissue Source** |  |  |
| Primary VSMC | Myh11-CreERT2 Rosa-YFPfl/fl | Aorta |  |  |
|  |  |  |  |  |
| **Chemical Resources** | **Catalog Number** | **Vendor** |  |  |
| PDGF-BB | 01-305 | Millipore |  |  |
| IL1b | 201-LB | R&D Systems |  |  |
| Cholesterol-Water Soluble | C4951 | Sigma-Aldrich |  |  |

FACS – flow cytometry; IF – immunofluorescence; IHC – immunohistochemistry; WB – Western Blot

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Reagent** | **Cat #** | **Vendor** | **Conc.** | **Price $** | **Chemical Properties** |
| rhPDGF BB | 01-305 | Millipore | 10ug | 367 | * ED50: 1-3ng/mL Balb/c 3T3 cells |
| rhPDGF DD | 1159-DB-025/CF | R&D | 25ug | 325 | * Mouse myeloma cell line, NS0 derived * MM: 14kDa * ED50 15-75ng/mL with Resazurin (cat AR002), 2-5ng.mL with 3H-thymidine, NR6R-3T3 mo. fibroblast |
| rhIL1b-IL1F2 | 201-LB-005 | R&D | 5ug | 259 | * E. coli derived * MM: 17kDa * ED50 <12pg/mL, D10.G4.1 mo. Helper T cells * Specific activity: 1.4 IU/ug |
| POV-PC | 10031 | Cayman Chemical | 1mg | 72 | * Formula Weight: 593.7 |
| Avidin/Biotin Blocking Kit | SP-2001 | Vector Laboratories |  | 110 | * ND/NA |
| Streptavidin/Biotin Blocking Kit | SP-2002 | Vector Laboratories |  | 130 | * ND/NA |
| DAB Easy Tablets | AC328000000 | Fisher Scientific | 10mg/tablet | 188.74 | * ND/NA |
|  |  |  |  |  |  |

Chemical properties are based on the company’s information

rh = recombinant human

ND/NA = not determined/not applicable

MM = molecular mass

ED50 = mean effective dose (cell proliferation)