**Supplementary Table 1. Antibodies used for Western blot, IHC, IF, and FACS in this study.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Antibodies | Catalog Number | Dilution for WB | Dilution for IHC | Dilution for IF | Dilution for FACS |
| GRIM19 | Santa Cruz | sc-365978 | 1:300 | 1:50 | 1:50 | / |
| Cytokeratin 18 | Bioss Inc | bs-2043R | / | / | 1:400 | / |
| 8-OHdG | Bioss Inc | bs-1278R | / | / | 1:200 | / |
| NF-кB p65 | Zsbio Inc | zs-8008 | / | / | 1:200 | / |
| p65 | Santa Cruz | sc-8008 | 1:300 | / | 1:50 | / |
| p-p65(ser-536) | Santa Cruz | sc-101752 | 1:300 | / | 1:200 | / |
| α-SMA | Bioss Inc | bsm-33187M | 1:500 | 1:800 | 1:500 | / |
| Desmin | Bioss Inc | bs-1026R | / | / | 1:400 | / |
| TGFβ1 | Bioss Inc | bs-0086R | / | 1:400 | 1:200 | / |
| Collagen-I | Bioss Inc | bs-10423R | 1:500 | 1:400 | / | / |
| Collagen-III | Bioss Inc | bs-0549R | / | 1:600 | 1:200 | / |
| TIMP1 | Bioss Inc | bs-0415R | 1:500 | 1:400 | / | / |
| NLRP3-CIAS1 | Bioss Inc | bs-10021R | 1:500 | 1:400 | 1:200 | / |
| ASC | Bioss Inc | bs-6741R | 1:500 | / | / | / |
| Caspase1(D-3) | Santa Cruz | sc-392736 | 1:300 | / | / | / |
| IL6 | Bioss Inc | bs-4539R | 1:500 | / | / | / |
| IL1β | Bioss Inc | bs-6319R | 1:500 | 1:200 | 1:200 | 1:200 |
| IL33 | Bioss Inc | bs-2633R | 1:500 | 1:400 | 1:200 | 1:200 |
| TNFα | Bioss Inc | bsm-33207M | 1:500 | 1:400 | 1:200 | / |
| VEGF | Bioss Inc | bs-0279R | 1:500 | / | / | / |
| VCAM1 | Bioss Inc | bs-0396R | 1:500 | / | / | / |
| ICAM1 | Bioss Inc | bs-4618R | 1:500 | / | / | / |
| pIKKα/β | Cell Signaling  | 2697T | 1:1000 | / | / | / |
| IKKα/β | Bioss Inc | bs-7557R | 1:500 | / | / | / |
| pIκBα | Bioss Inc | bs-2513R | 1:500 | / | / | / |
| IκBα | Bioss Inc | bs-1287R | 1:500 | / | / | / |
| CD45 | Biolegend | 103101 | / | 1:200 | / | / |
| F4/80 | Biolegend | 123108 | / | 1:200 | 1:100 | / |
| MPO | Boster  | PB0072 | / | 1:400 | / | / |
| FITC anti-mouse CD86 | Biolegend | 105109 | / | / | 1:50 | / |
| CD163 | Biolegend | 156703 | / | / | 1:100 | / |
| β-Actin | Sigma | A5441 | 1:7000 | / | / | / |
| Histone H3 | Abcam | ab1791 | 1:5000 | / | / | / |

Zsbio Inc, Beijing Zhongshang Golden Bridge Co., Ltd; Bioss Inc, Beijing Biosynthesis Biotechnology Co., Ltd; WB, Western blotting; IHC, immunohistochemistry; IF, Immunofluorescence; FACS, Fluorescence-activated cell sorting.