

Table SI. Primary and secondary antibodies used for western blotting.

| Antibody | Supplier details | Cat. no. | Dilution |
|----------------|---------------------------------|----------|----------|
| β -actin | Zoonbio Biotechnology Co., Ltd. | ABM-0001 | 1:1,000 |
| AKT | Cell Signaling Technology, Inc. | 9272 | 1:1,000 |
| Bad | Cell Signaling Technology, Inc. | 9239 | 1:1,000 |
| Bax | Cell Signaling Technology, Inc. | 2772 | 1:1,000 |
| Bcl-2 | Cell Signaling Technology, Inc. | 15071 | 1:1,000 |
| Caspase-3 | Cell Signaling Technology, Inc. | 9665 | 1:1,000 |
| CyclinB1 | Cell Signaling Technology, Inc. | 4135 | 1:1,000 |
| CyclinD1 | Cell Signaling Technology, Inc. | 2978 | 1:1,000 |
| CyclinE1 | Cell Signaling Technology, Inc. | 20808 | 1:1,000 |
| E-cadherin | Cell Signaling Technology, Inc. | 14472 | 1:1,000 |
| MMP-2 | Cell Signaling Technology, Inc. | 13132 | 1:1,000 |
| MMP-7 | Cell Signaling Technology, Inc. | 3801 | 1:1,000 |
| MMP-9 | Cell Signaling Technology, Inc. | 13667 | 1:1,000 |
| N-cadherin | Cell Signaling Technology, Inc. | 13116 | 1:1,000 |
| p-AKT (Ser473) | Cell Signaling Technology, Inc. | 9271 | 1:1,000 |
| p38 | Cell Signaling Technology, Inc. | 9212 | 1:1,000 |
| p-p38 | Cell Signaling Technology, Inc. | 4511 | 1:1,000 |
| p21 | Cell Signaling Technology, Inc. | 2947 | 1:1,000 |
| Smad4 | Cell Signaling Technology, Inc. | 38454 | 1:1,000 |
| Snail | Cell Signaling Technology, Inc. | 3895 | 1:1,000 |
| Vimentin | Cell Signaling Technology, Inc. | 5741 | 1:1,000 |
| Anti-mouse | OriGene Technologies, Inc. | ZB-2305 | 1:5,000 |
| Anti-rabbit | OriGene Technologies, Inc. | ZB-2301 | 1:5,000 |

MMP, matrix metalloproteinase; p, phosphorylated; Snail, snail family transcriptional repressor 1.