Supplementary Material

# Supplementary Table

Table S1. Antibodies used for western blotting

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Antibody name | Source | Catalog number | Host | Dilution |
| FAM53A | Atlas Antibodies | HPA036452 | Rabbit | 1:1000 |
| GAPDH | Beyotime | AF0006 | Mouse | 1:1000 |
| RhoA  | Cell SignalingTechnology  | 2117 | Rabbit | 1:500 |
| RhoB | Cell SignalingTechnology  | 2098 | Rabbit | 1:500 |
| RhoC | Cell SignalingTechnology  | 3430 | Rabbit | 1:500 |
| ROCK1 | Wanlei Bio. | Wl01761 | Rabbit | 1:500 |
| MMP9 | Cell SignalingTechnology  | 13667 | Rabbit | 1:500 |
| Cyclin D1 | Cell SignalingTechnology  | 2978 | Rabbit | 1:500 |
| CDK4 | Cell SignalingTechnology  | 12790 | Rabbit | 1:500 |
| p21 | Proteintech | 10,355-I-AP | Rabbit | 1:1000 |
| c-Myc | Cell SignalingTechnology  | 13987 | Rabbit | 1:500 |
| ZO-1 | Cell SignalingTechnology  | 8193 | Rabbit | 1:500 |
| TCF8/ZEB1  | Cell SignalingTechnology  | 3396 | Rabbit | 1:500 |
| E-Cadherin | Cell SignalingTechnology  | 3195 | Rabbit | 1:500 |
| N-Cadherin | Cell SignalingTechnology  | 13116 | Rabbit | 1:500 |
| Vimentin | Cell SignalingTechnology  | 5741 | Rabbit | 1:1000 |
| ERK1/2 | Cell SignalingTechnology  | 4695 | Rabbit | 1:500 |
| Phospho-ERK1/2(Thr202/Tyr204) | Cell SignalingTechnology  | 4370 | Rabbit | 1:500 |
| Pan-Ras  | Proteintech | 60309-1-lg | Mouse | 1:500 |
| K-Ras | Proteintech | 12063-1-AP | Rabbit | 1:500 |
| c-Raf | Cell SignalingTechnology  | 9422 | Rabbit | 1:500 |
| EGFR | Cell SignalingTechnology  | 4267 | Rabbit | 1:1000 |
| Phospho-EGFR (Tyr1068) | Cell SignalingTechnology  | 3777 | Rabbit | 1:500 |
| MEK1/2 | Cell Signaling Technology  | 4694 | Mouse | 1:500 |
| Phospho-MEK1/2(Ser217/221) | Cell SignalingTechnology  | 3958 | Rabbit | 1:500 |
| p53  | Proteintech | 10,442-I-AP | Rabbit | 1:500 |