**Supplement. Information of antibodies in this study**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Antibody name | Dilution ratio | Species  specificity | Source | Supplier | Cat. No |
| ASK1 | 1:1000 | Human | Rabbit mAb | Abcam | ab45178 |
| Phospho-ASK1 | 1:1000 | Human | Rabbit mAb | Cell Signaling Technology | 3765S |
| JNK | 1:1000 | Human | Rabbit mAb | Cell Signaling Technology | 9252S |
| Phospho-JNK | 1:1000 | Human | Rabbit mAb | Cell Signaling Technology | 9251S |
| Bax | 1:2000 | Human | Rabbit mAb | Abcam | ab182733 |
| Bcl-2 | 1:1000 | Human | Rabbit mAb | Abcam | ab32124 |
| β-Actin | 1:1000 | Human | Mouse mAb | Cell Signaling Technology | 3700S |
| HRP-labeled Goat Anti-Mouse IgG (H+L) | 1:1000 | Mouse | Goat | Beyotime Biotechnology | A0216 |
| HRP-labeled Goat Anti-Rabbit IgG (H+L) | 1:1000 | Rabbit | Goat | Beyotime Biotechnology | A0208 |