

Table I. Primary antibody and ELISA kit details

| Antibody                     | Dilution | Manufacturer   | Cat. No.   |
|------------------------------|----------|----------------|------------|
| Rabbit anti-Bax              | 1:1,000  | Servicbio      | GB114122   |
| Rabbit anti-Bcl2             | 1:1,000  | Boster Biotech | BA0412     |
| Rabbit anti-p-Bad            | 1:1,000  | Abcom          | ab216829   |
| Rabbit anti-p-PI3K           | 1:1,000  | CS.Tech        | 4228S      |
| Rabbit anti-Cyclin D1        | 1:1,000  | Servicbio      | GB11372    |
| Rabbit anti-p-Akt (Ser 473)  | 1:1,000  | Bioss          | BS-0115R   |
| Rabbit anti-Occludin         | 1:1,000  | Abcom          | ab216327   |
| Goat anti-rabbit IgG (H + L) | 1:10,000 | ZSGB-BIO       | ZB-2301    |
| GAPDH monoclonal antibody    | 1:10,000 | Proteintech    | 60004-1-Ig |

Table II. The ELISA kit details

| ELISA kits                                       | Manufacturer | Cat. No.    |
|--------------------------------------------------|--------------|-------------|
| Interleukin-1 $\beta$ (IL-1 $\beta$ )            | Servicbio    | GEM0002-48T |
| Interleukin-6(IL-6)                              | Servicbio    | GEM0001-48T |
| Interferon- $\gamma$ (IFN- $\gamma$ )            | Servicbio    | GEM0028-48T |
| Tumor necrosis factor- $\alpha$ (TNF- $\alpha$ ) | Servicbio    | GEM0004-48T |

Table III DAI rating scale

| Weight loss rate (%) | Stool property | Occult blood/Blood stool | Score |
|----------------------|----------------|--------------------------|-------|
| 0                    | Normal stool   | Normal                   | 0     |
| 1~5                  | Loose stool    | Intermediate             | 1     |
| 6~10                 | Loose stool    | Occult blood             | 2     |
| 11~15                | Watery stool   | Blood stool              | 3     |
| > 15                 | Diarrhea       | Blood stool              | 4     |