

Figure S1. Escin reduces TNF- $\alpha$ -induced activation of total NF- $\kappa$ B p65 and p-p65 both in the cytoplasm and the nucleus. p, phosphorylated; TNF, tumor necrosis factor; NF- $\kappa$ B, nuclear factor- $\kappa$ B.

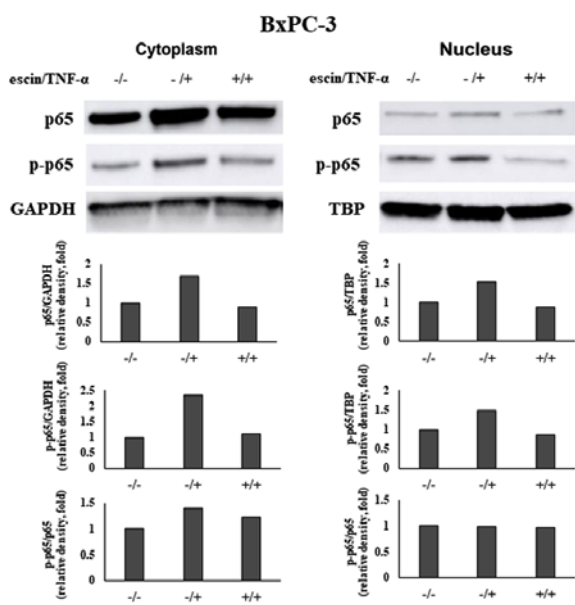


Figure S2. Escin suppresses the TNF- $\alpha$ -induced secretion of IL-8 and VEGF in the AsPC-1 cell line. The concentrations of IL-8 and VEGF in the cell supernatants were measured using ELISA kits. \*P<0.05. VEGF, vascular endothelial growth factor; IL, interleukin.

### AsPC-1

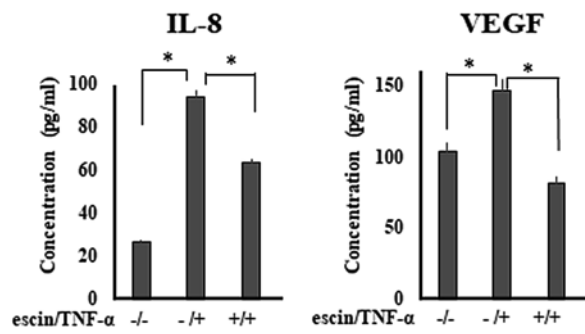


Figure S3. Recombinant IL-8 and VEGF enhances tube formation in the EA.hy 926 cell line. Endotubes were counted under a microscope (x40) and statistically analyzed. \*P<0.05. VEGF, vascular endothelial growth factor; IL, interleukin.

