



Additional file 4: Fig. S3. The effects of inhibitors to pho-AMPK, pho-AKT, and pho-mTOR expression in macrophages

Representative Western blots of pho-AMPK, pho-AKT, pho-mTOR in RAW264.7 cells (**a-c**) that were treated with SEA (20 $\mu\text{g/ml}$) with or without phosphorylated AMPK inhibitor (Dorsomorphin), phosphorylated AKT inhibitor (Dihydrochloride), and phosphorylated mTOR inhibitor (Rapamycin) for 24 h. Band density was measured by ImageJ software and normalized to β -actin. (**d**) The representative figure related Figure 4c for the oil red O staining of FL83B and RAW264.7 cells that were treated with SEA (20 $\mu\text{g/ml}$) with or without phosphorylated AMPK inhibitor (Dorsomorphin), phosphorylated AKT inhibitor (Dihydrochloride), and phosphorylated mTOR inhibitor (Rapamycin) for 24 h.