

A

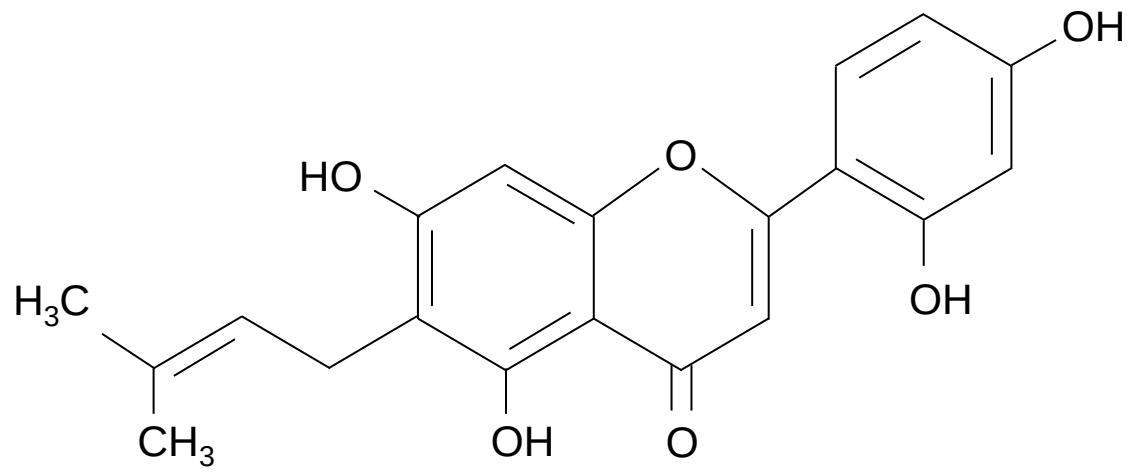


Fig. 1A Chemical structure of artocarpesin

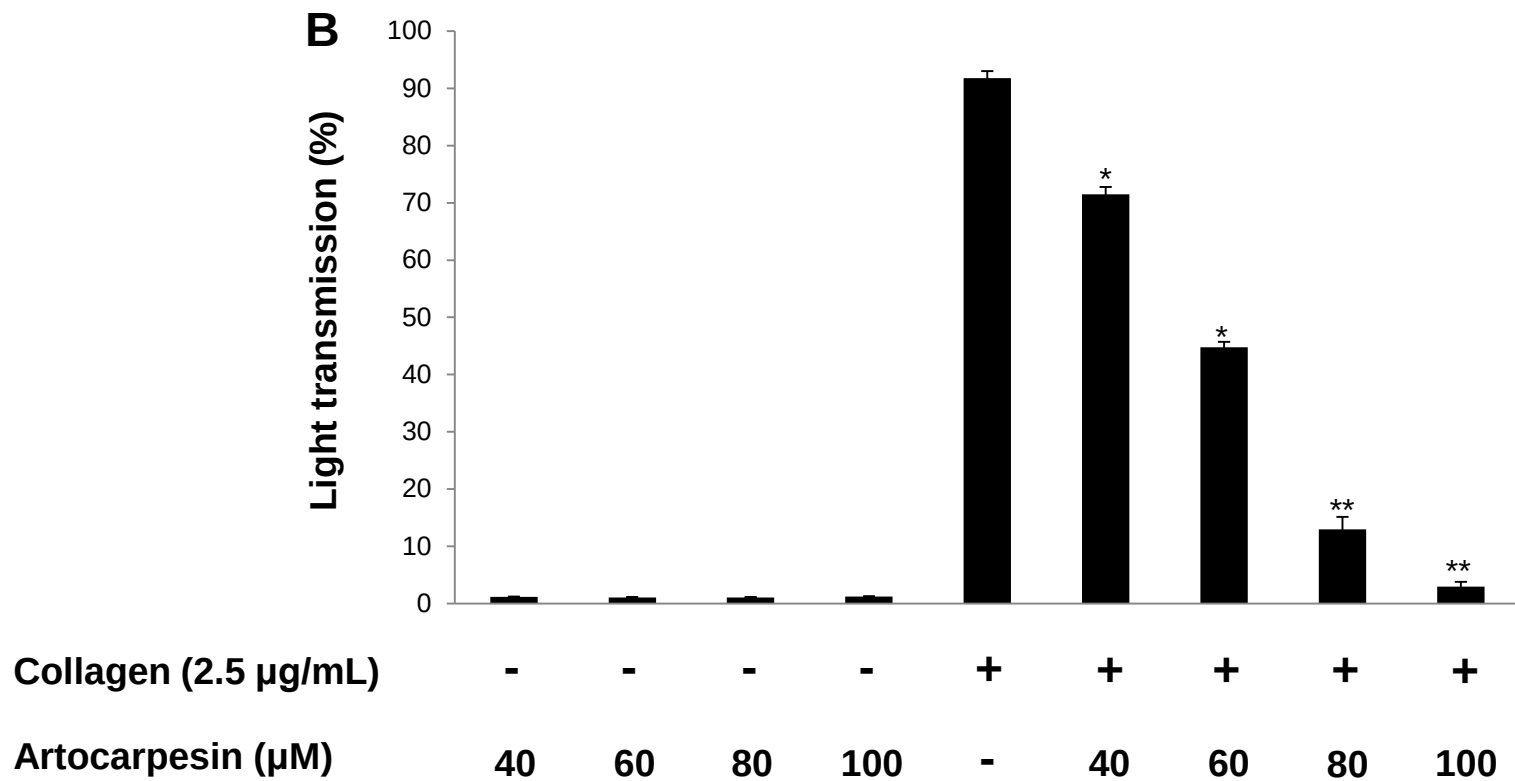


Fig. 1B Effect of artocarpesin on collagen-induced human platelet aggregation

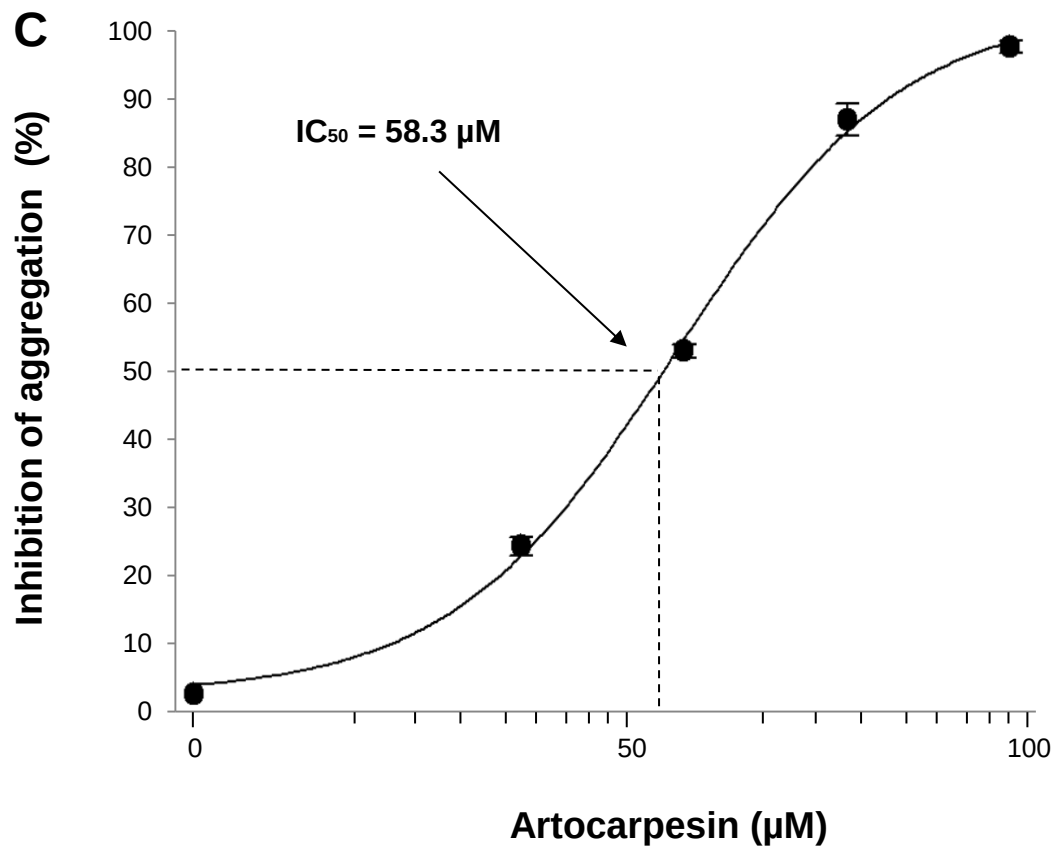


Fig. 1C Half maximal inhibitory concentration (IC_{50}) value of artocarpesin in collagen-induced human platelet aggregation

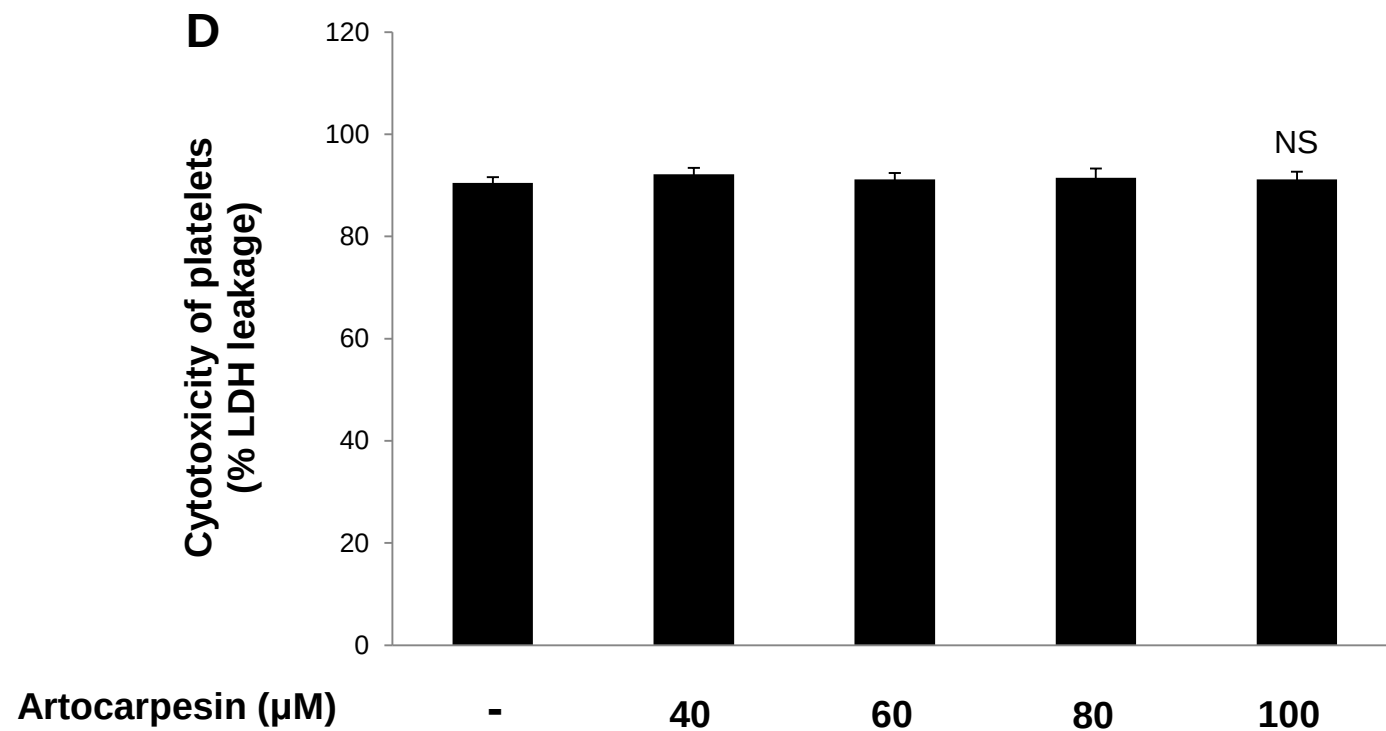


Fig. 1D Effect of artocarpesin on cytotoxicity

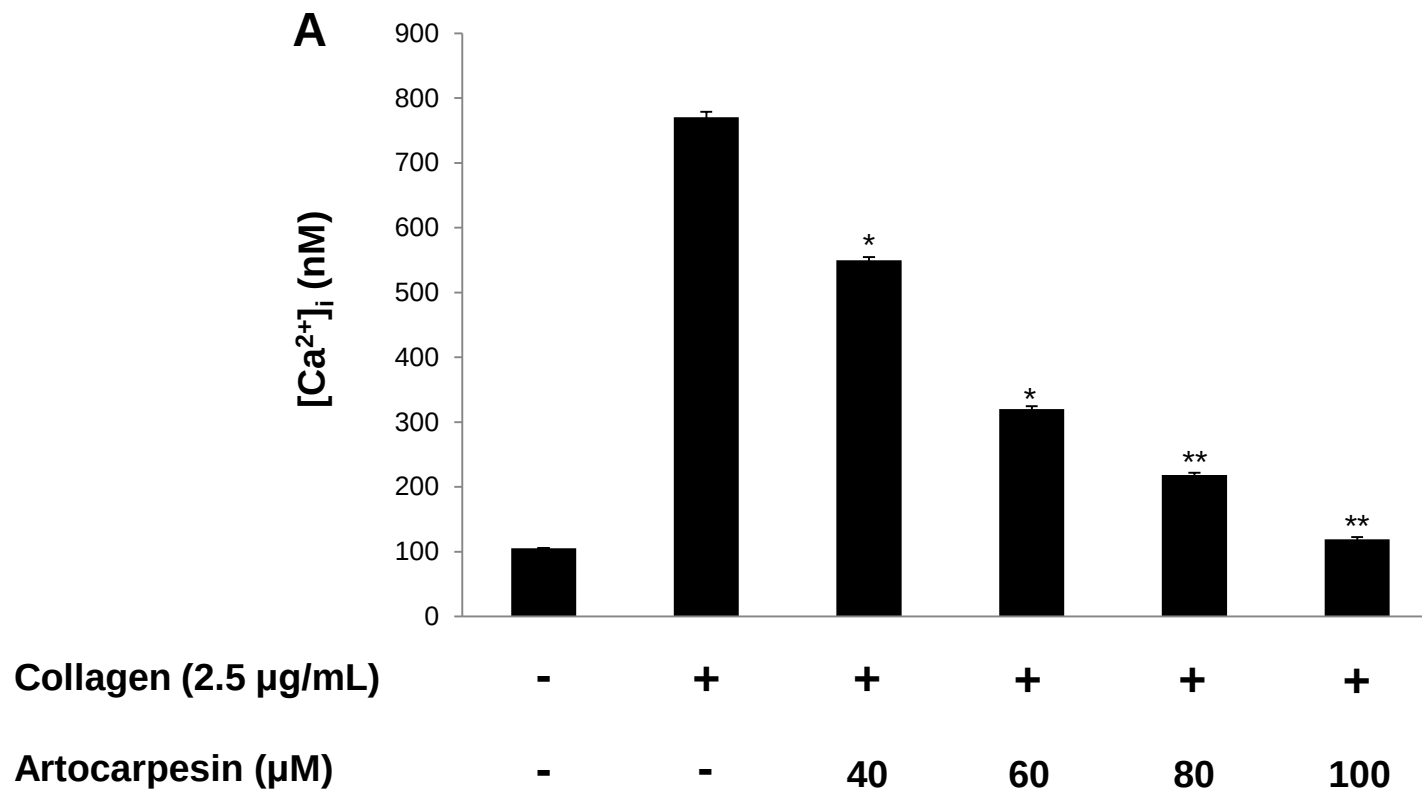


Fig. 2A Effect of artocarpesin on collagen-induced $[Ca^{2+}]_i$ mobilization

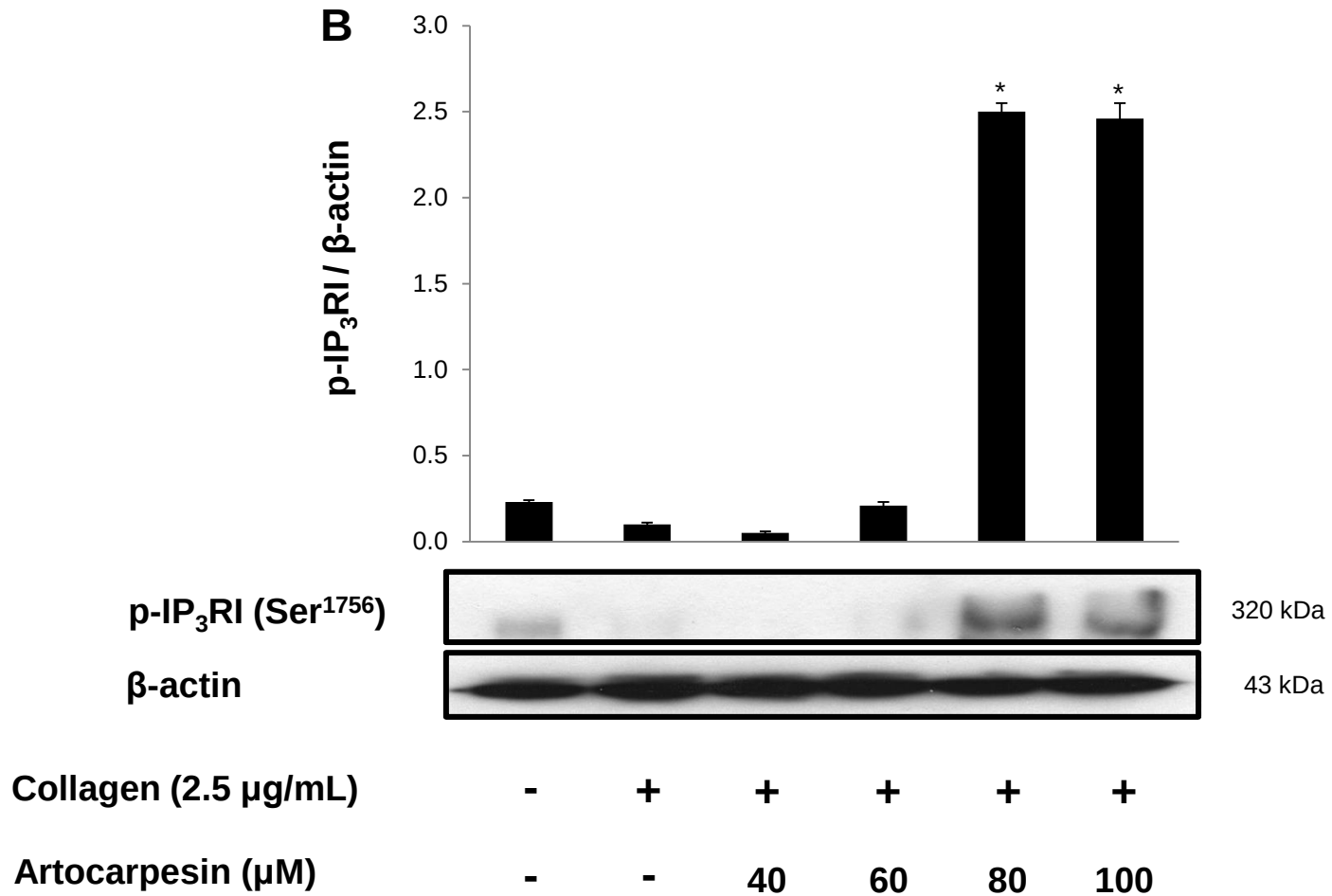
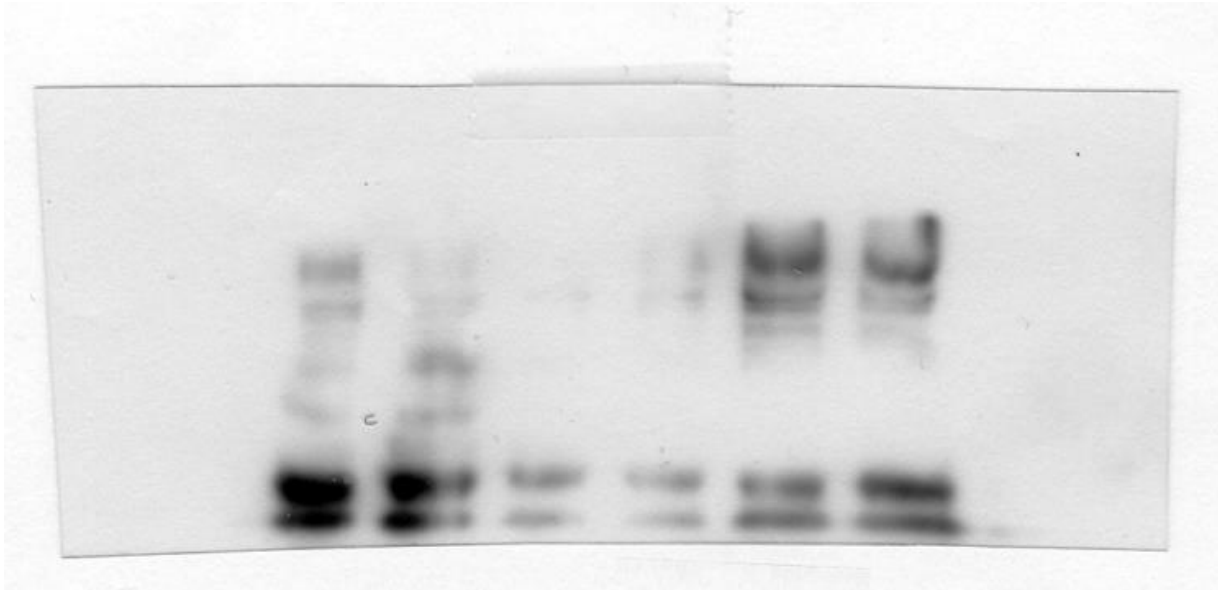
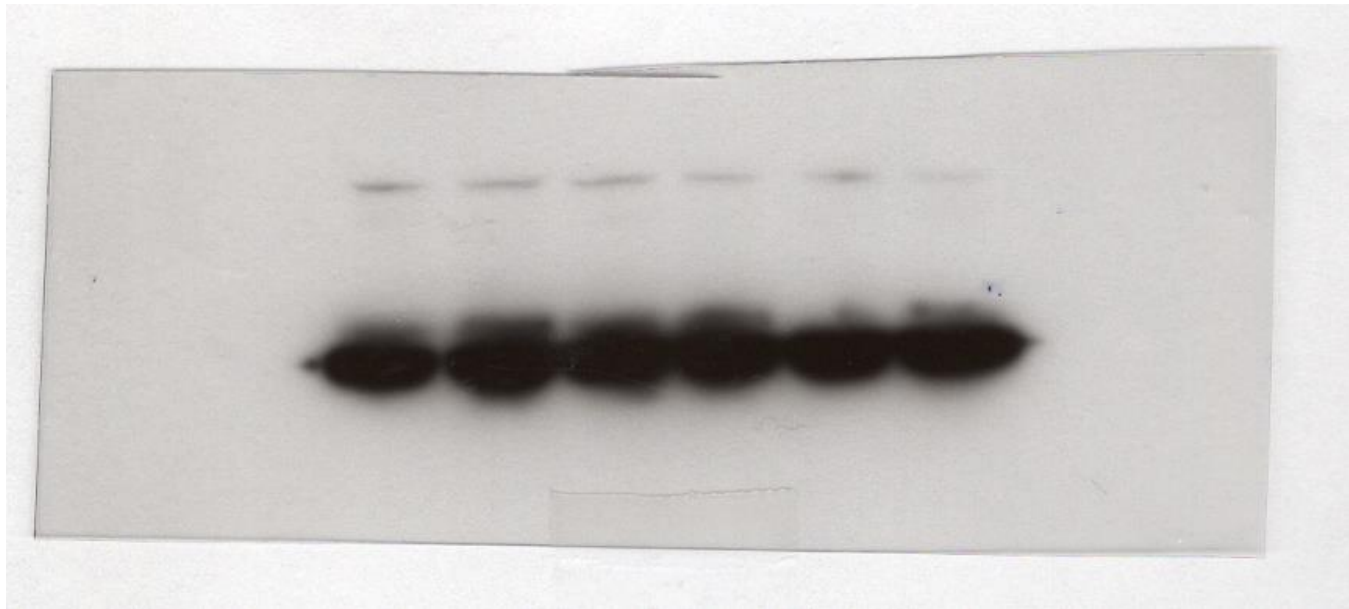


Fig. 2B Effect of artocarpesin on collagen-induced IP3RI phosphorylation



Phosphor-IP3R1



Beta actin

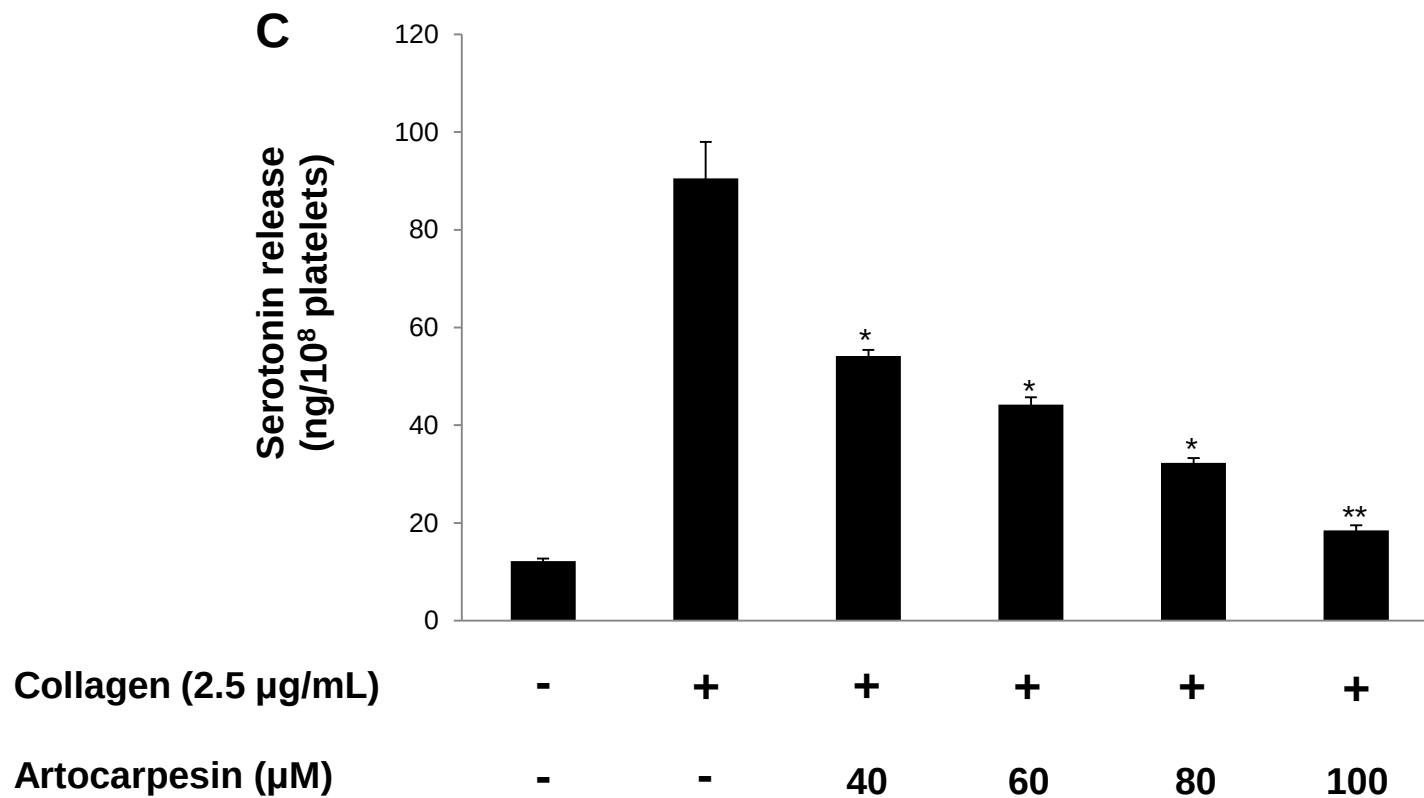


Fig. 2C Effect of artocarpesin on collagen-induced serotonin release

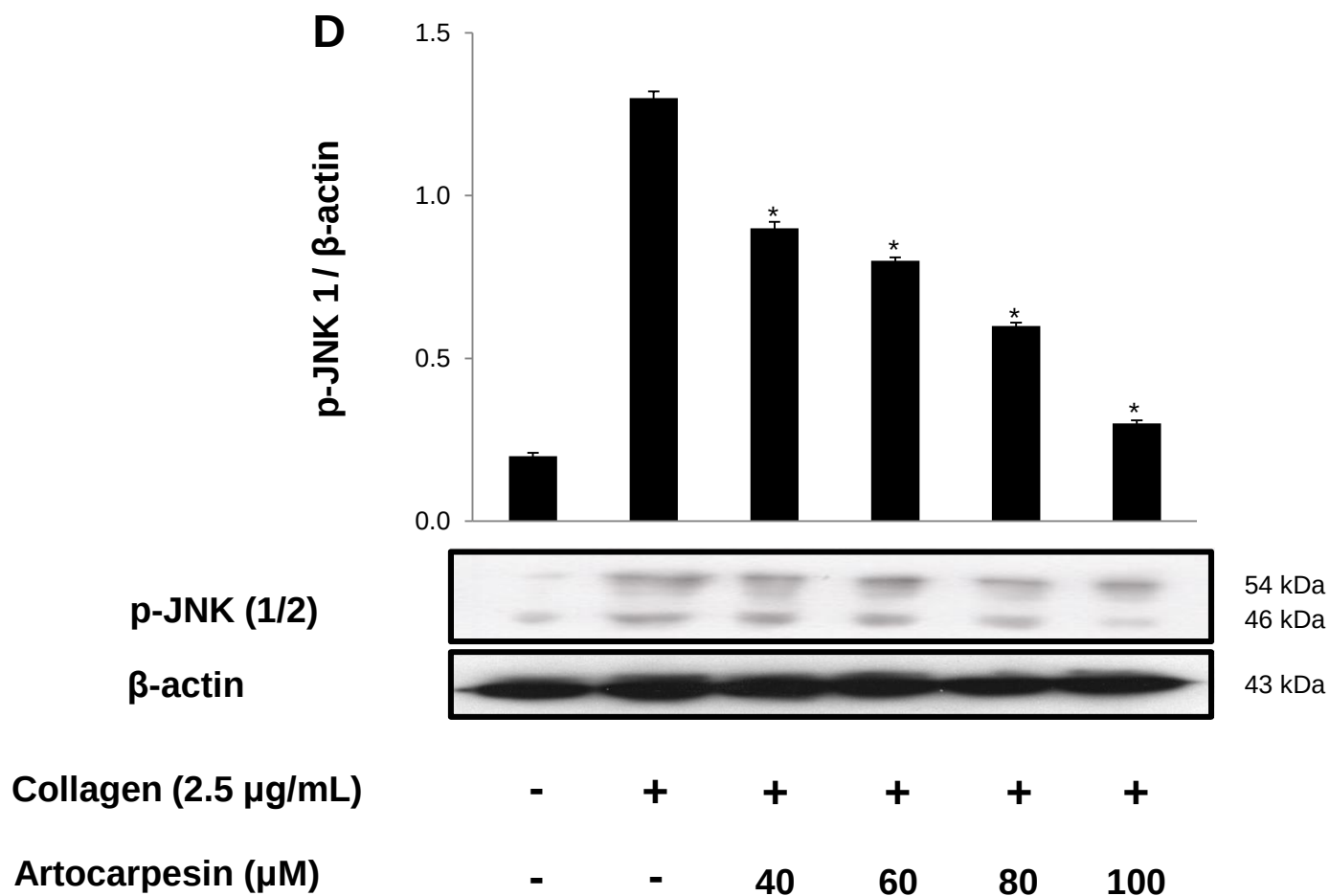
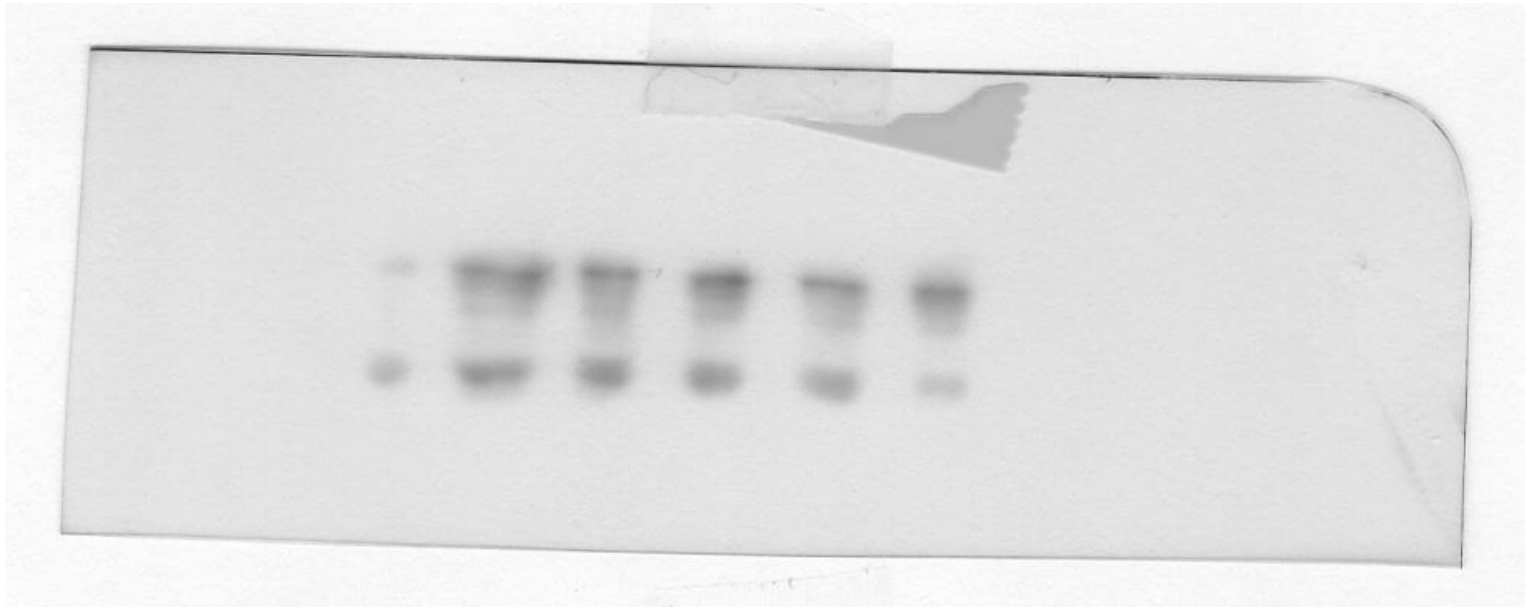


Fig. 2D Effect of artocarpesin on collagen-induced JNK (1/2) phosphorylation



Phosphor-JNK

A

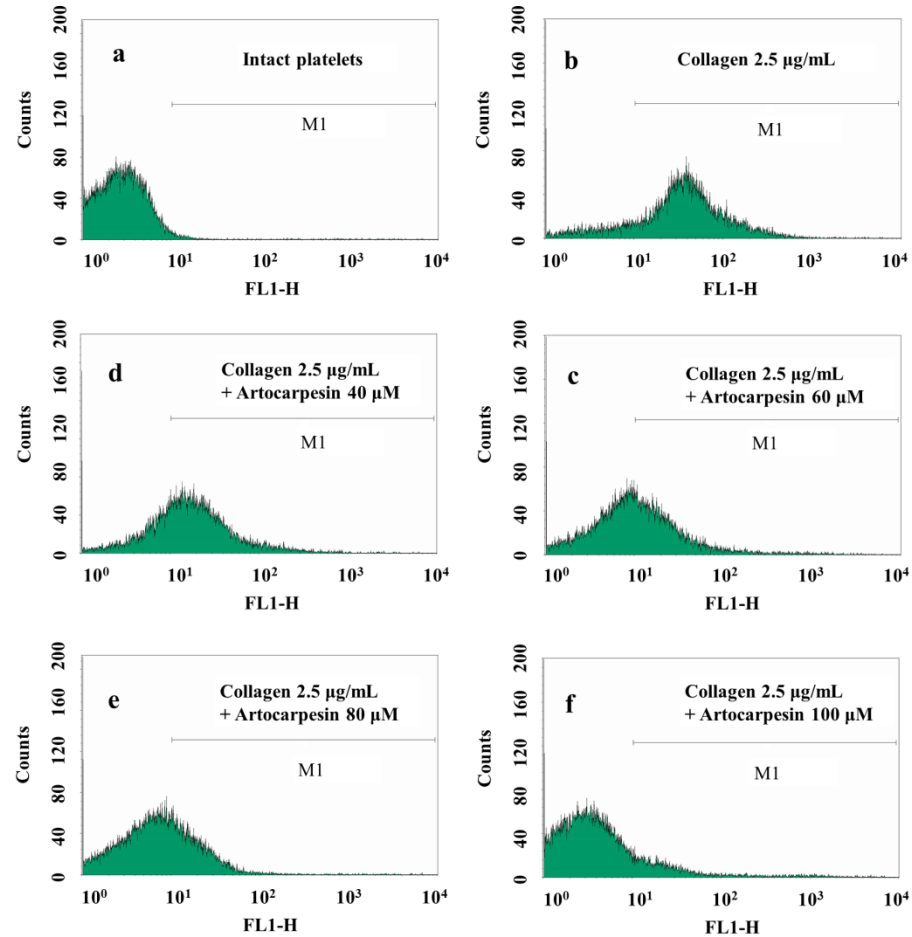


Fig. 3A The flow cytometry histograms on fibrinogen binding

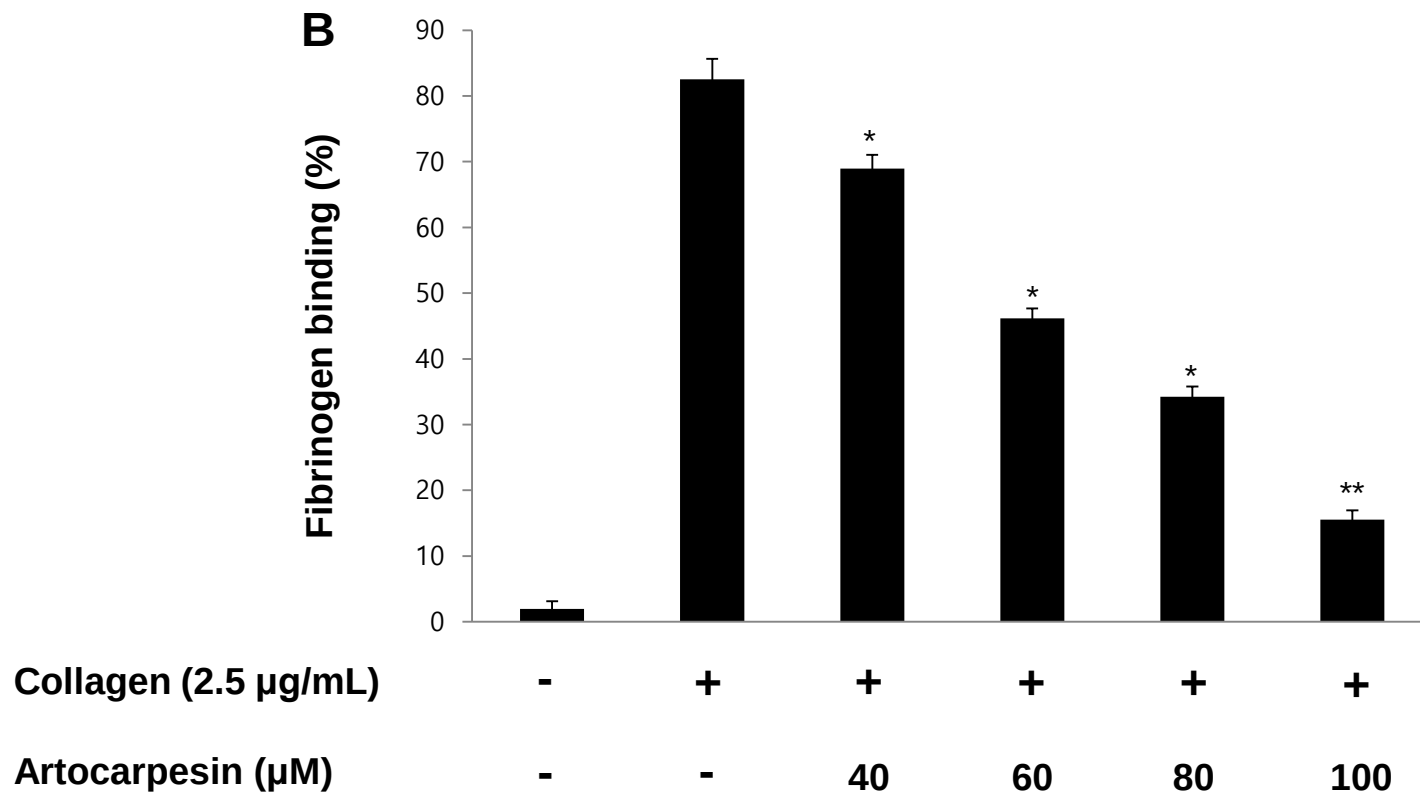


Fig. 3B Effects of artocarpesin on collagen-induced fibrinogen binding (%)

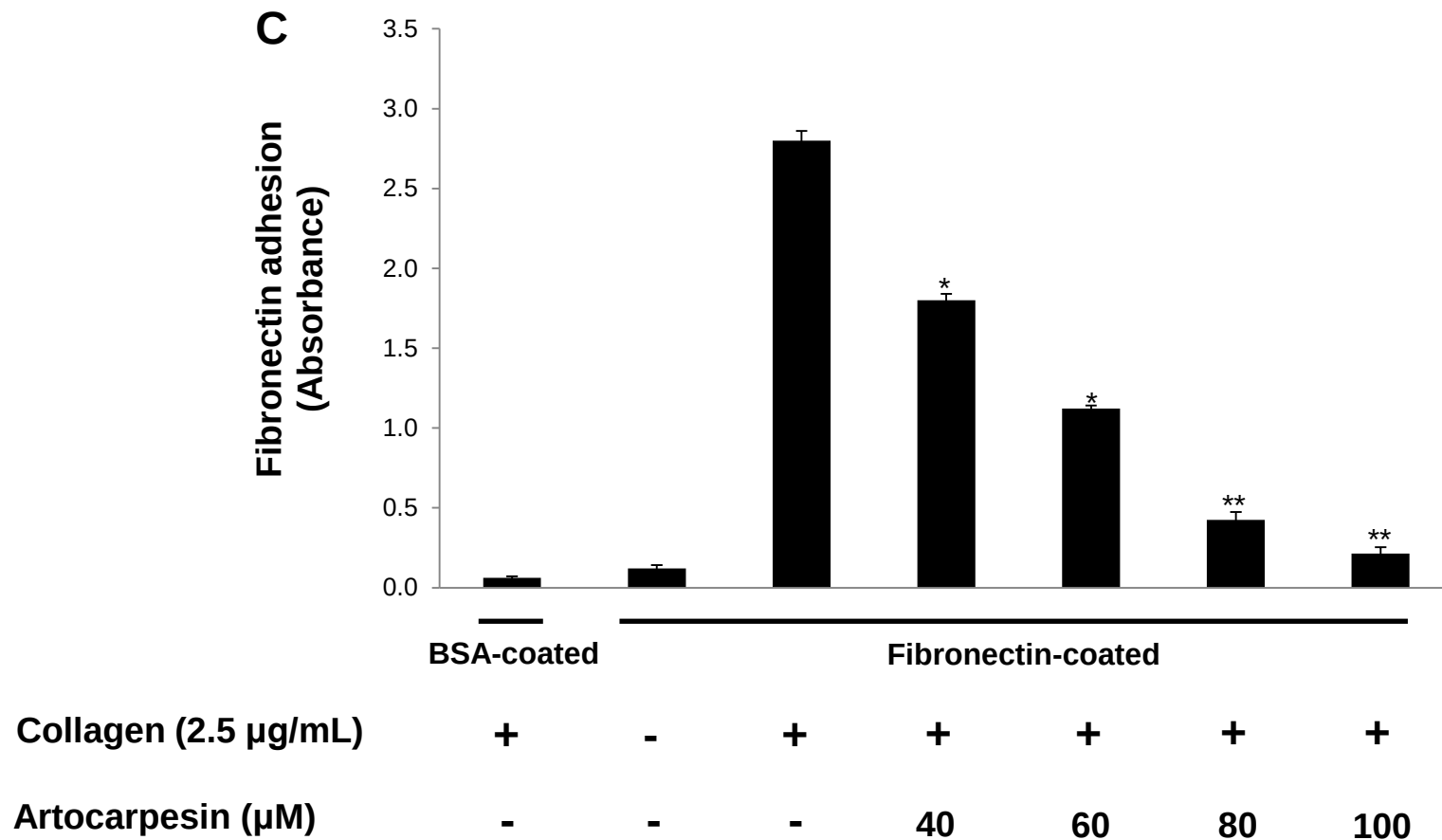


Fig. 3C Effects of artocarpesin on collagen-induced fibronectin adhesion

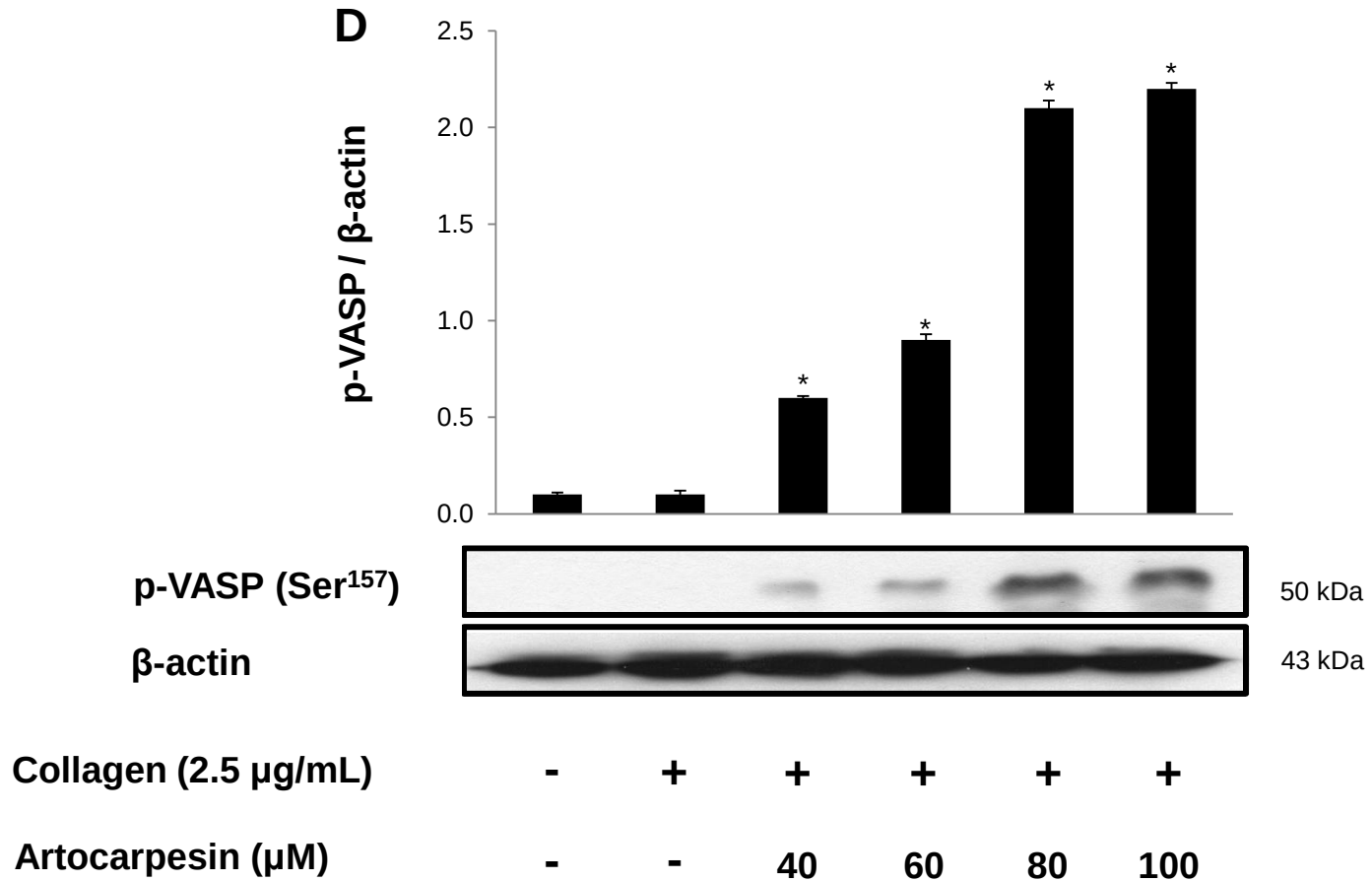
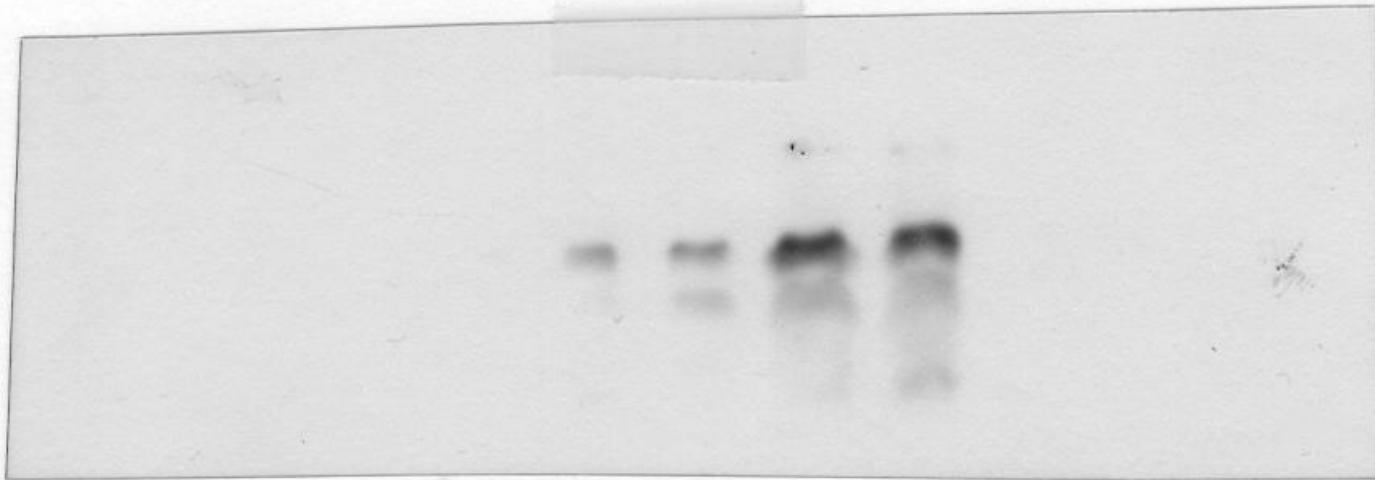


Fig. 3D Effect of artocarpesin on collagen-induced VASP (Ser157) phosphorylation



Phosphor-VASP (Ser157)

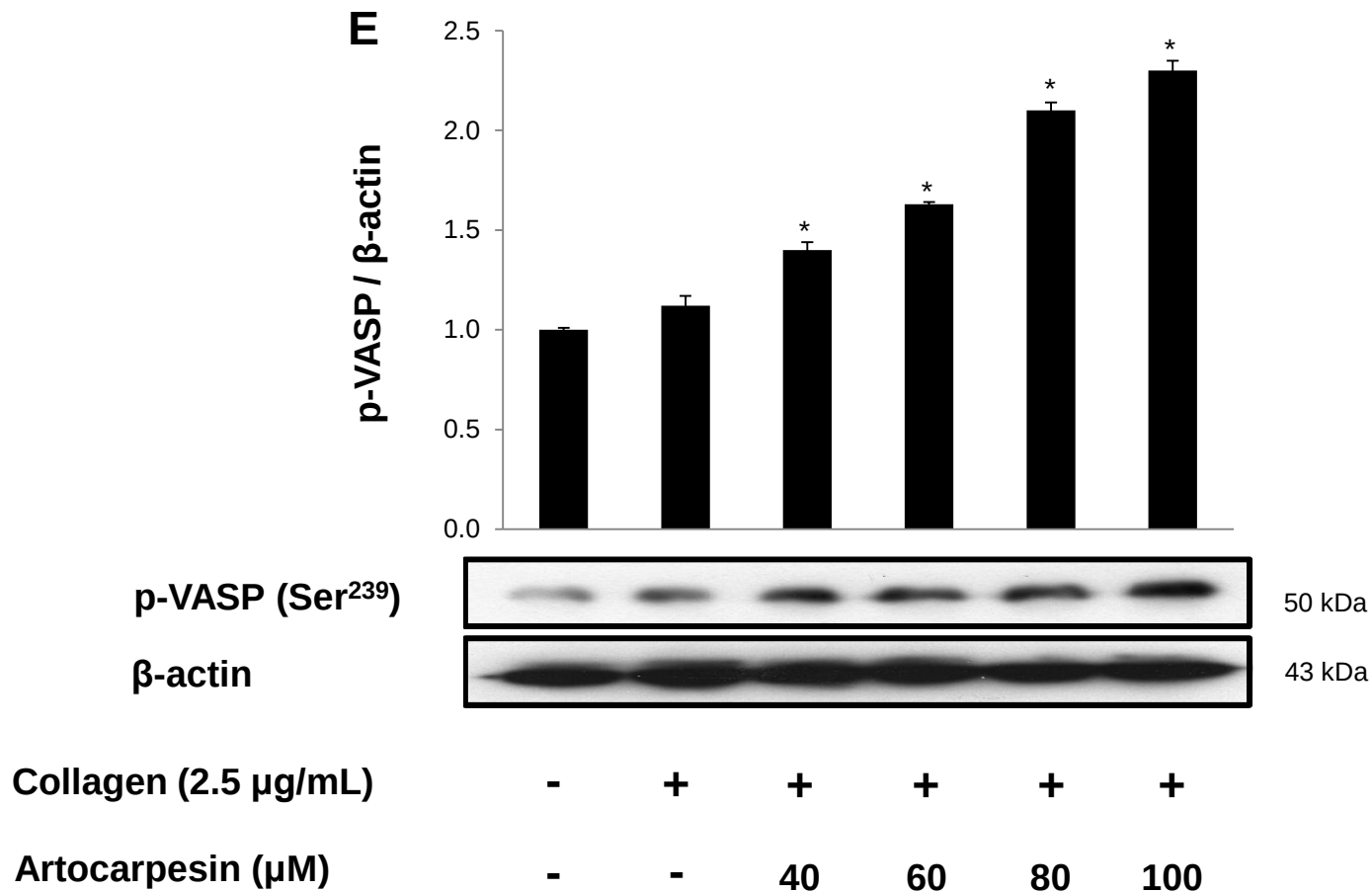
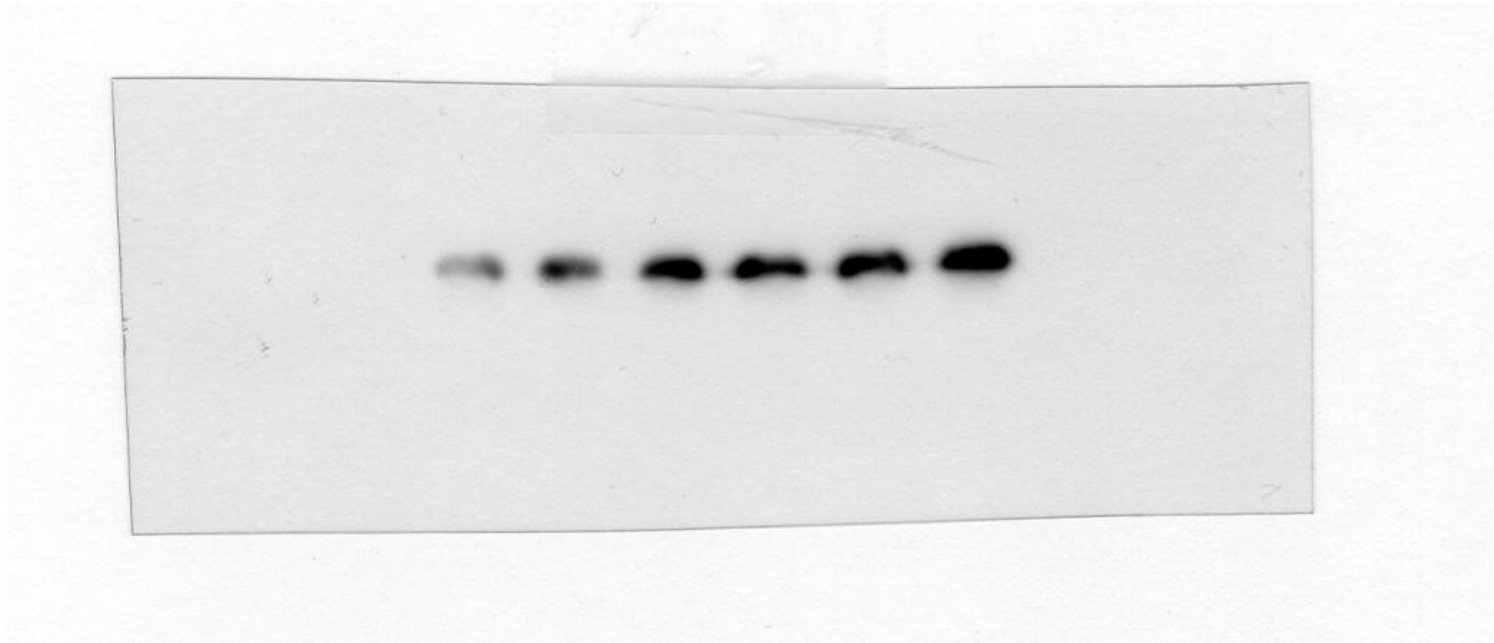


Fig. 3E Effect of artocarpesin on collagen-induced VASP (Ser239) phosphorylation



Phosphor-VASP (Ser157)

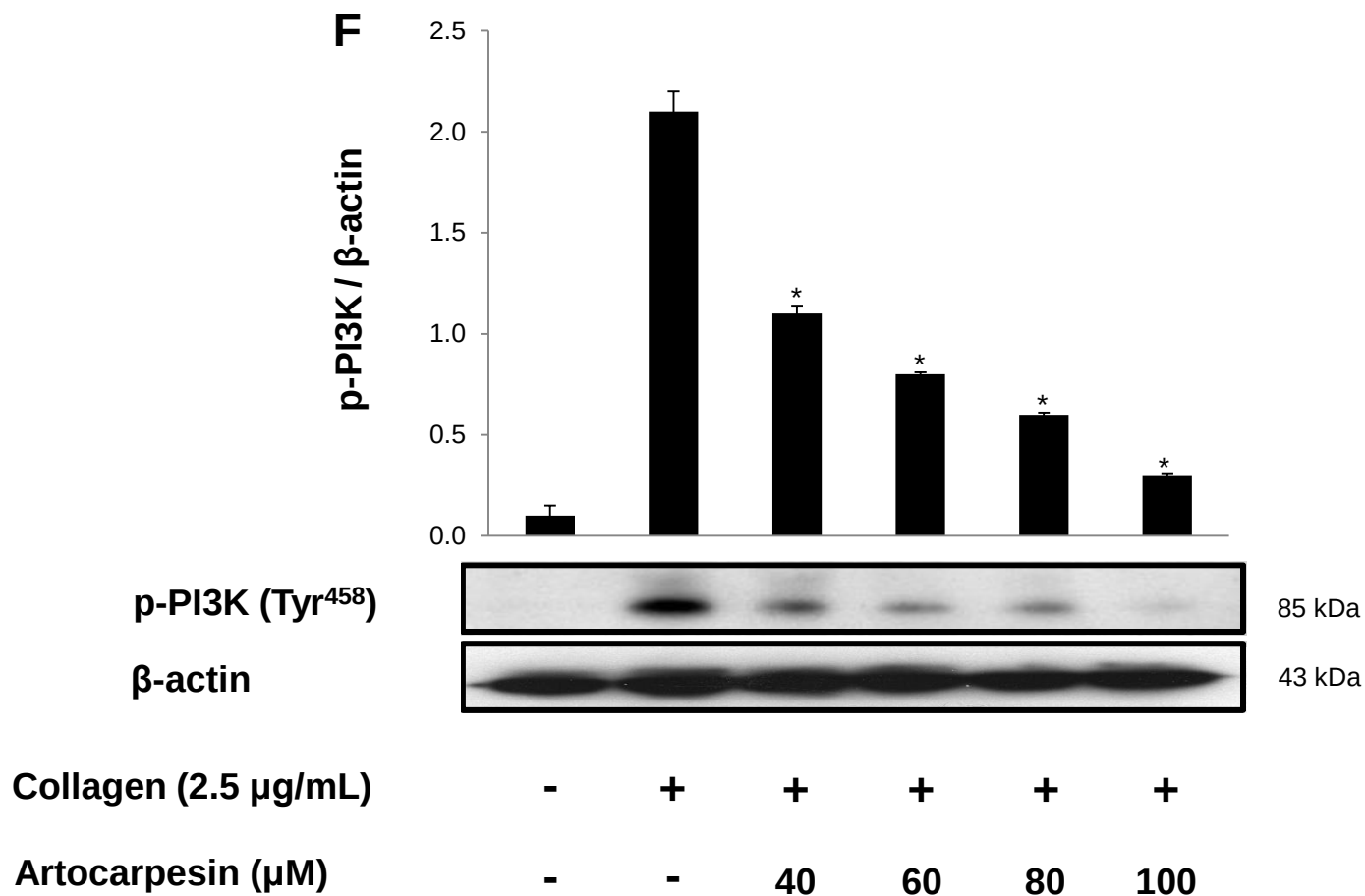
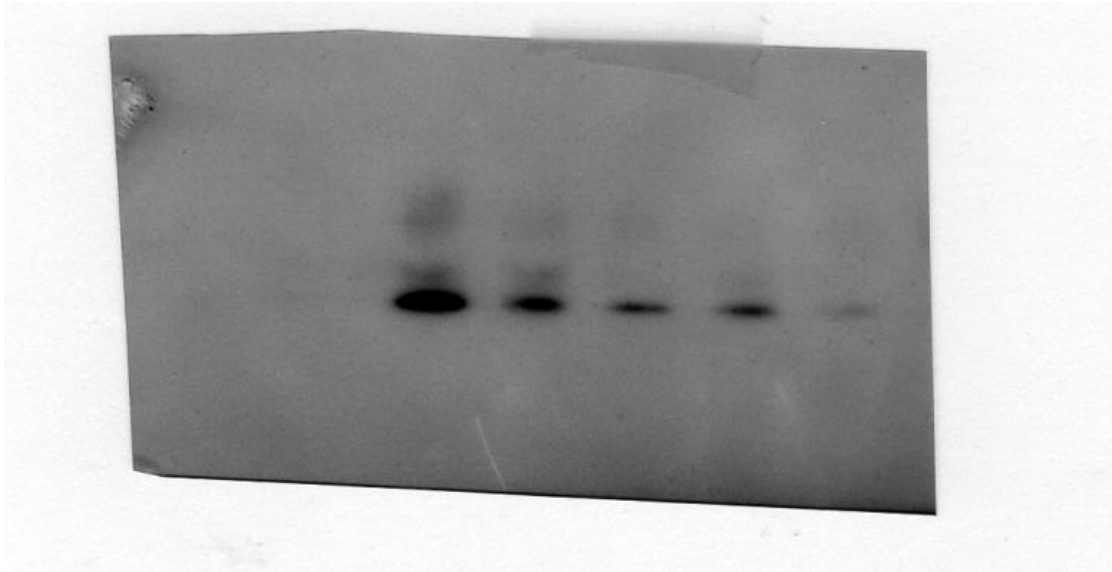


Fig. 3F Effect of artocarpesin on collagen-induced PI3K (Tyr⁴⁵⁸) phosphorylation



Phosphor-PI3K

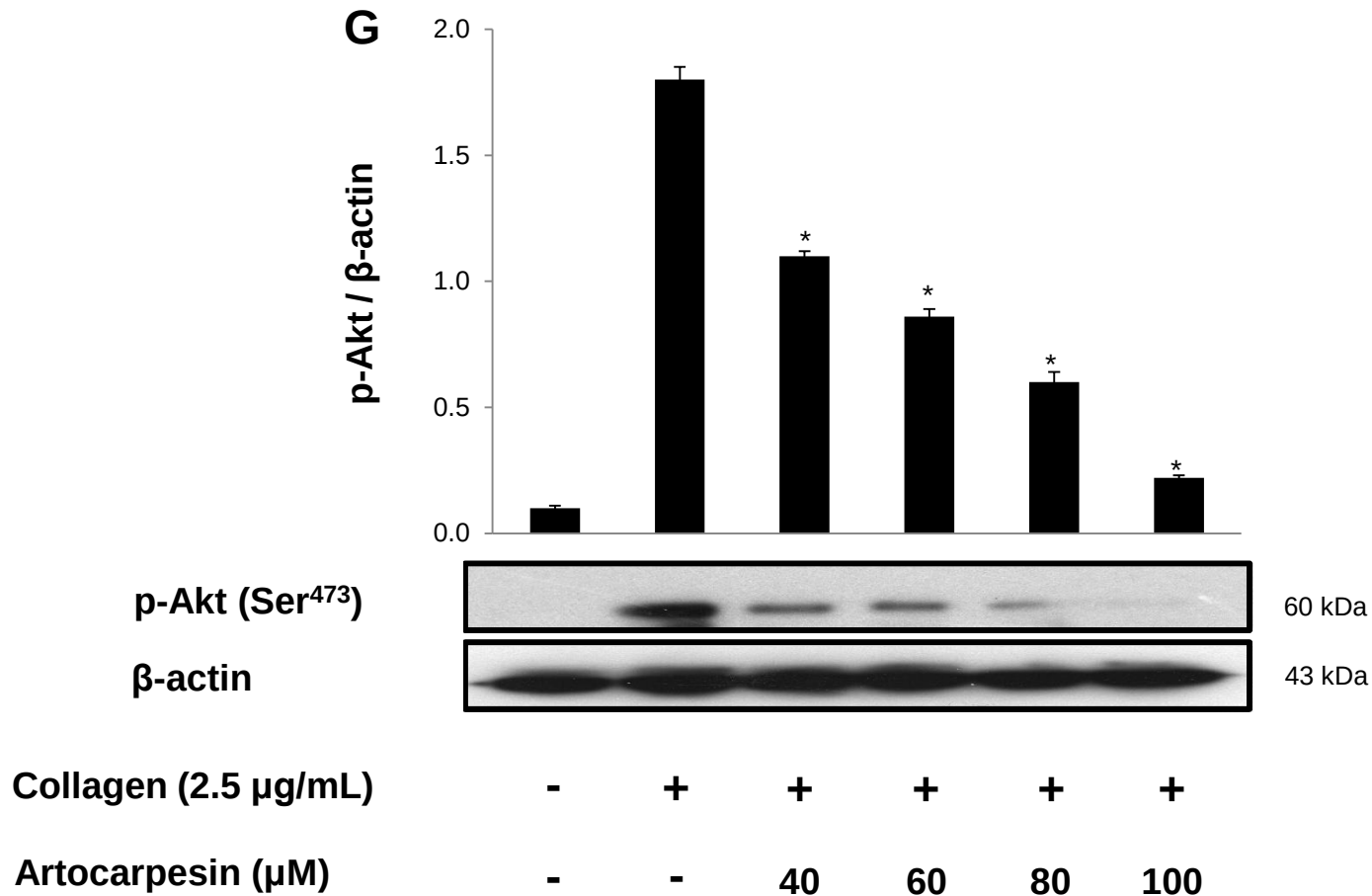
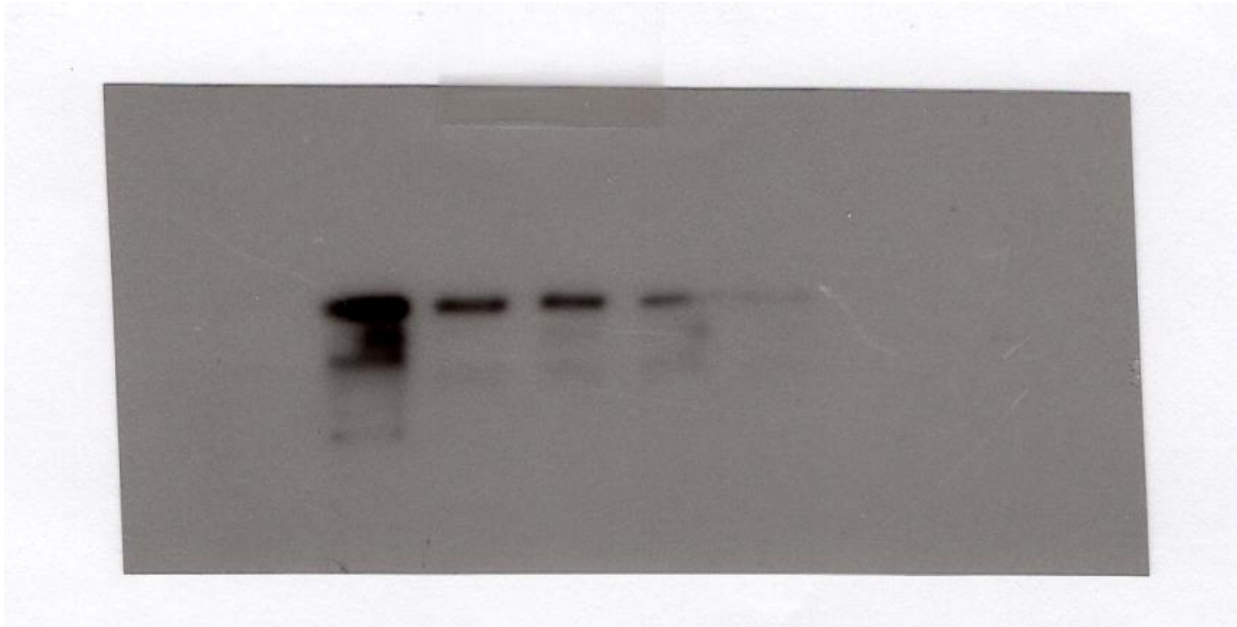


Fig. 3F Effect of artocarpesin on collagen-induced Akt (Ser473) phosphorylation



Phosphor-Akt

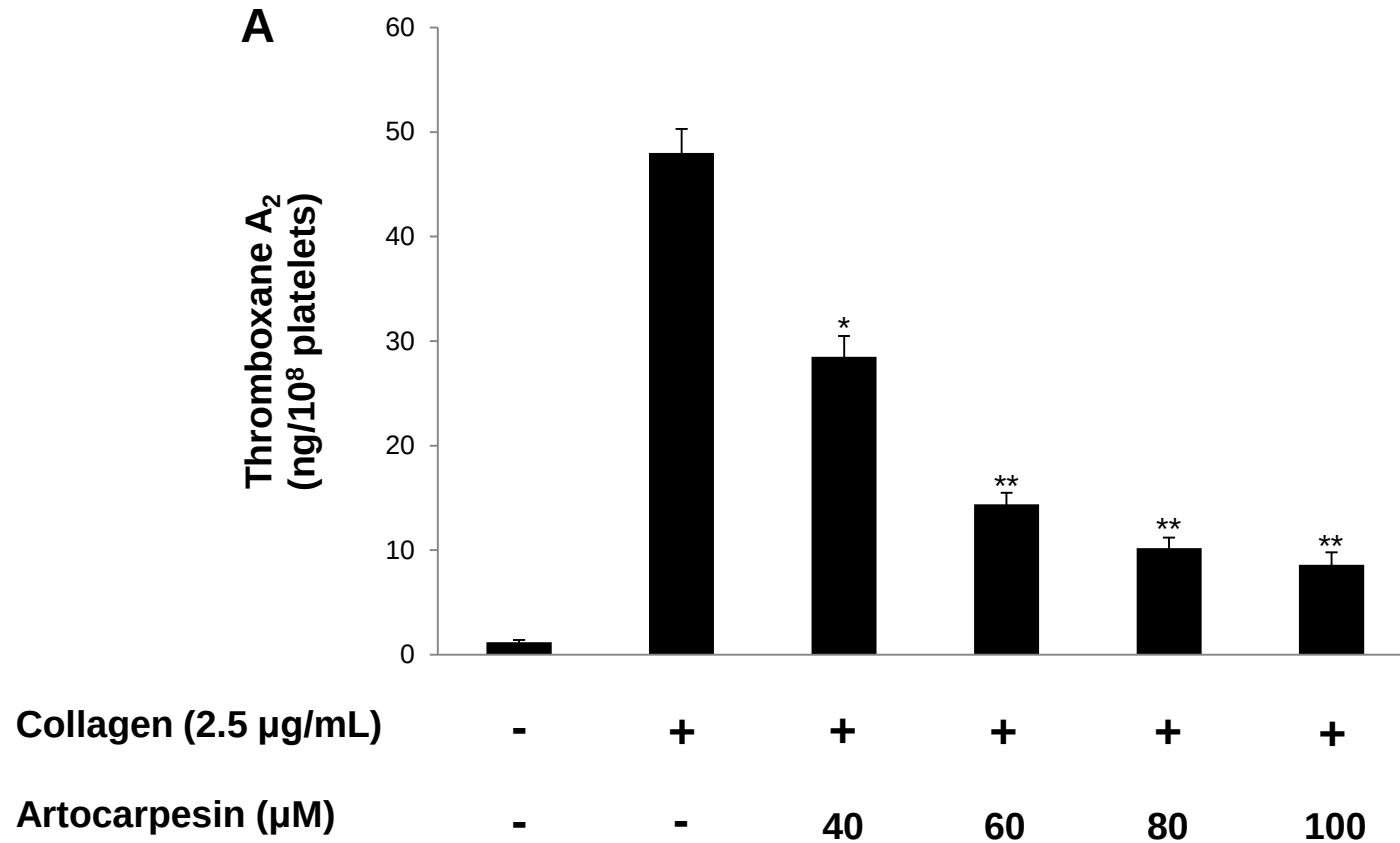


Fig. 4A Effects of artocarpesin on collagen-induced TXA₂ generation

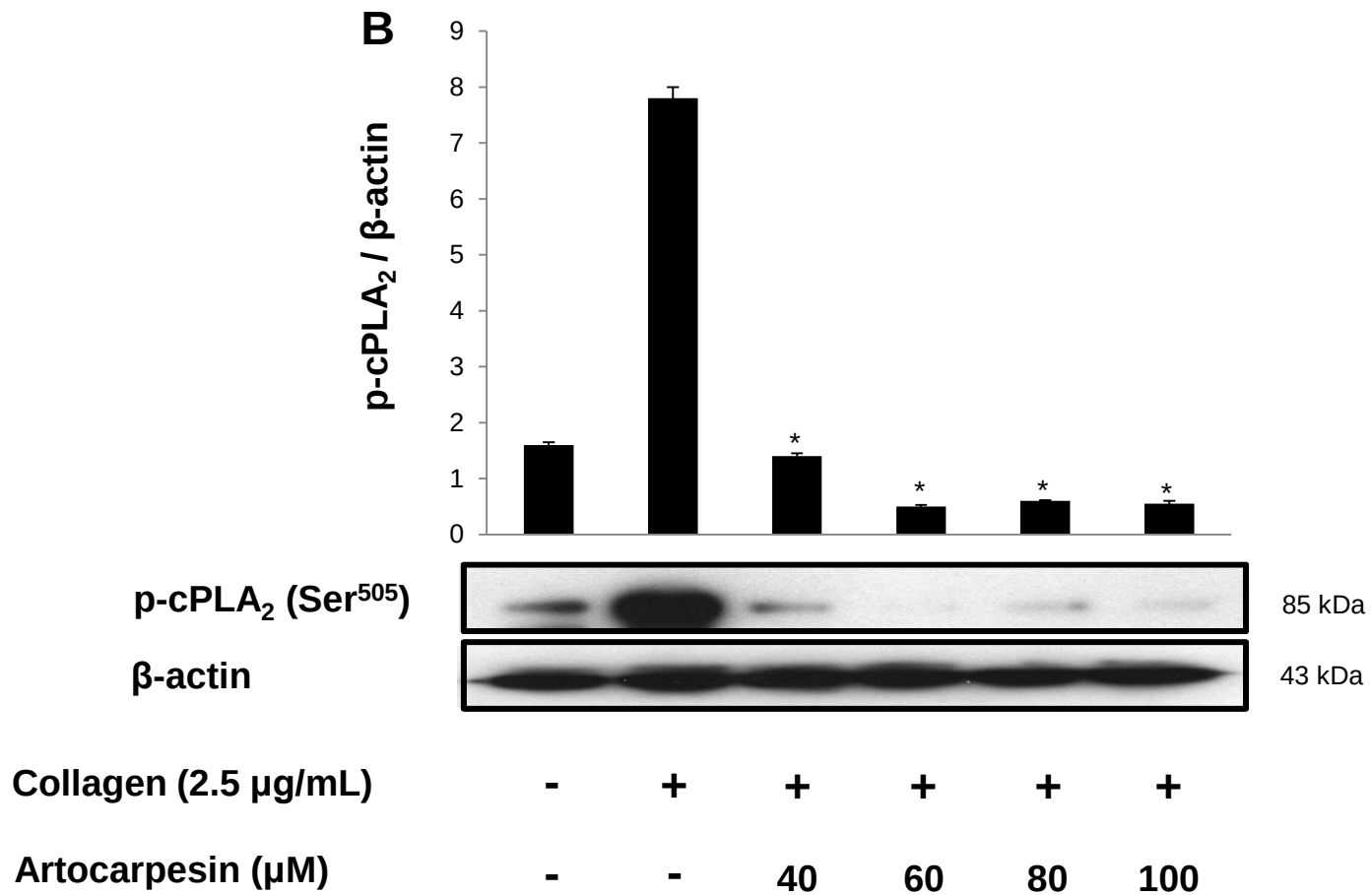
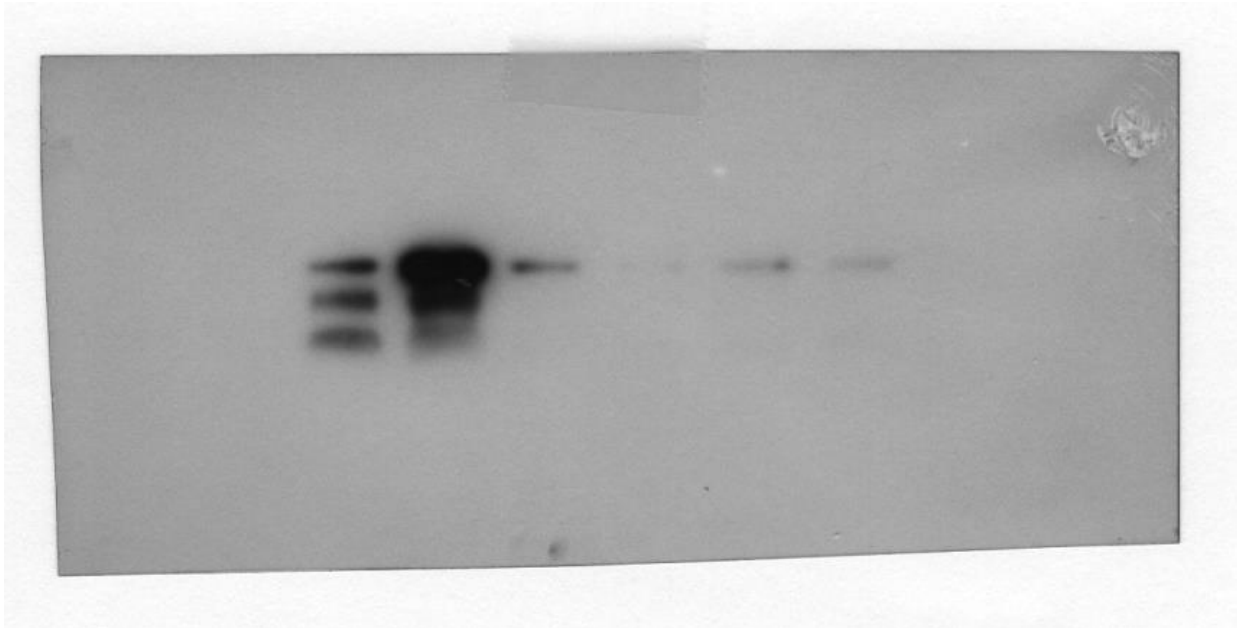


Fig. 4B Effect of artocarpesin on collagen-induced cPLA2 phosphorylation



Phosphor-cPLA2

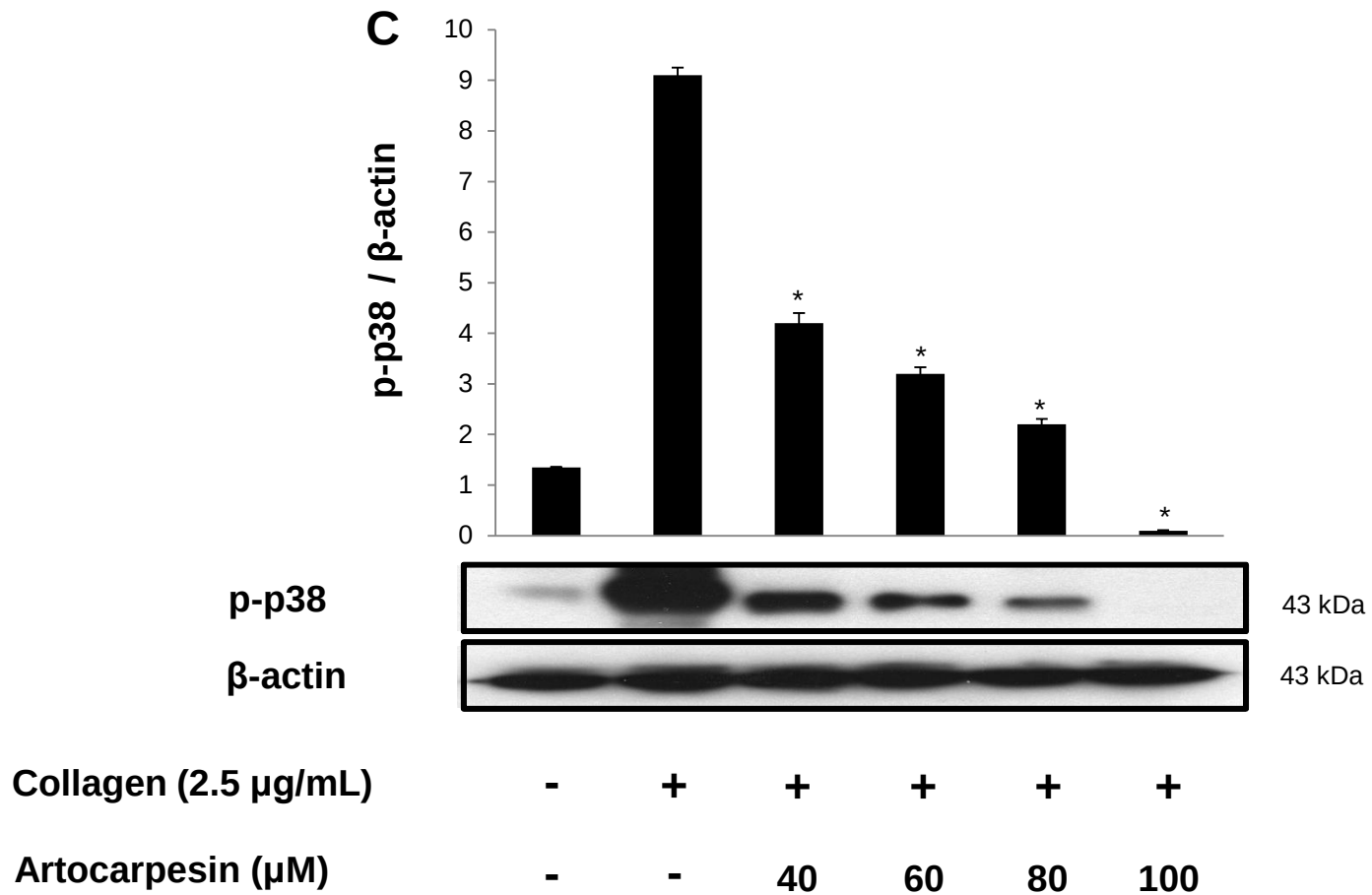
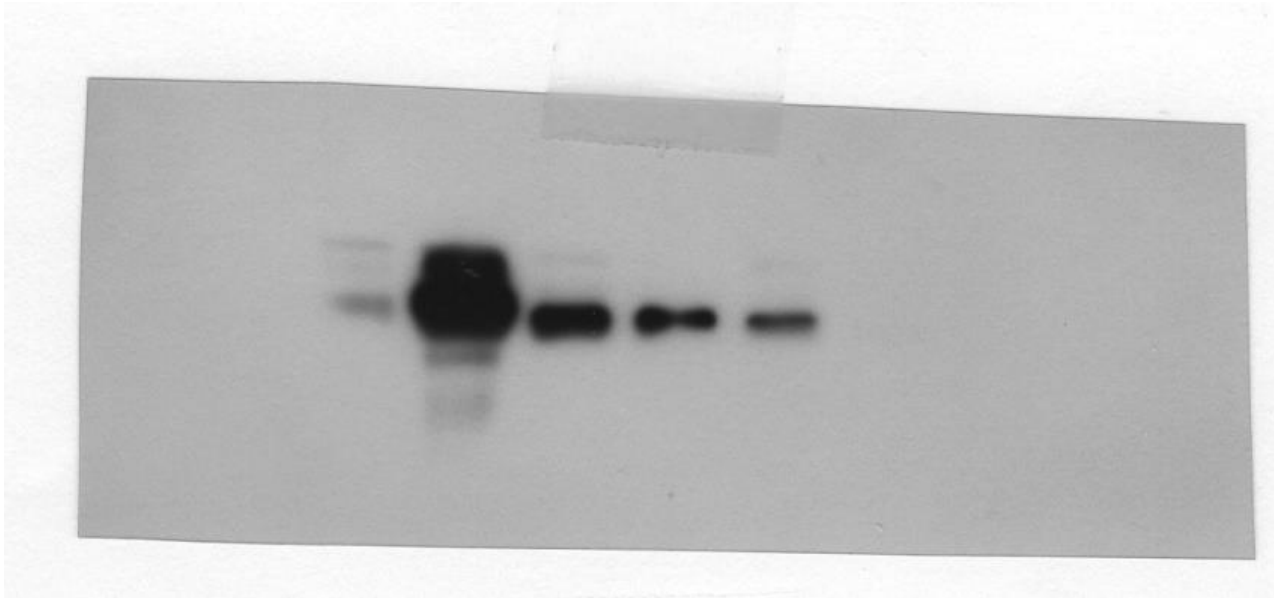


Fig. 4C Effect of artocarpesin on collagen-induced p38 phosphorylation



Phosphor-p38

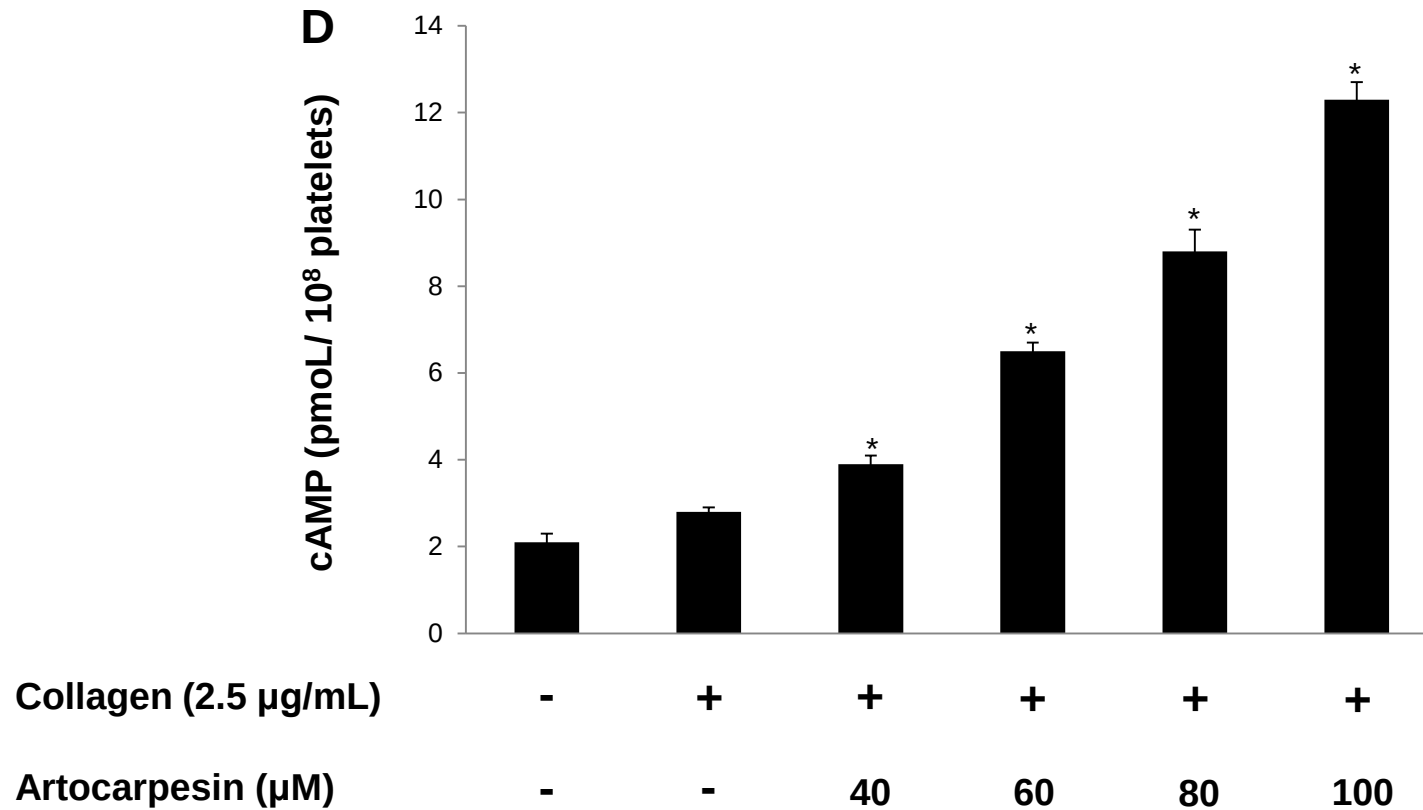


Fig. 4D Effect of artocarpesin on collagen-induced cAMP production

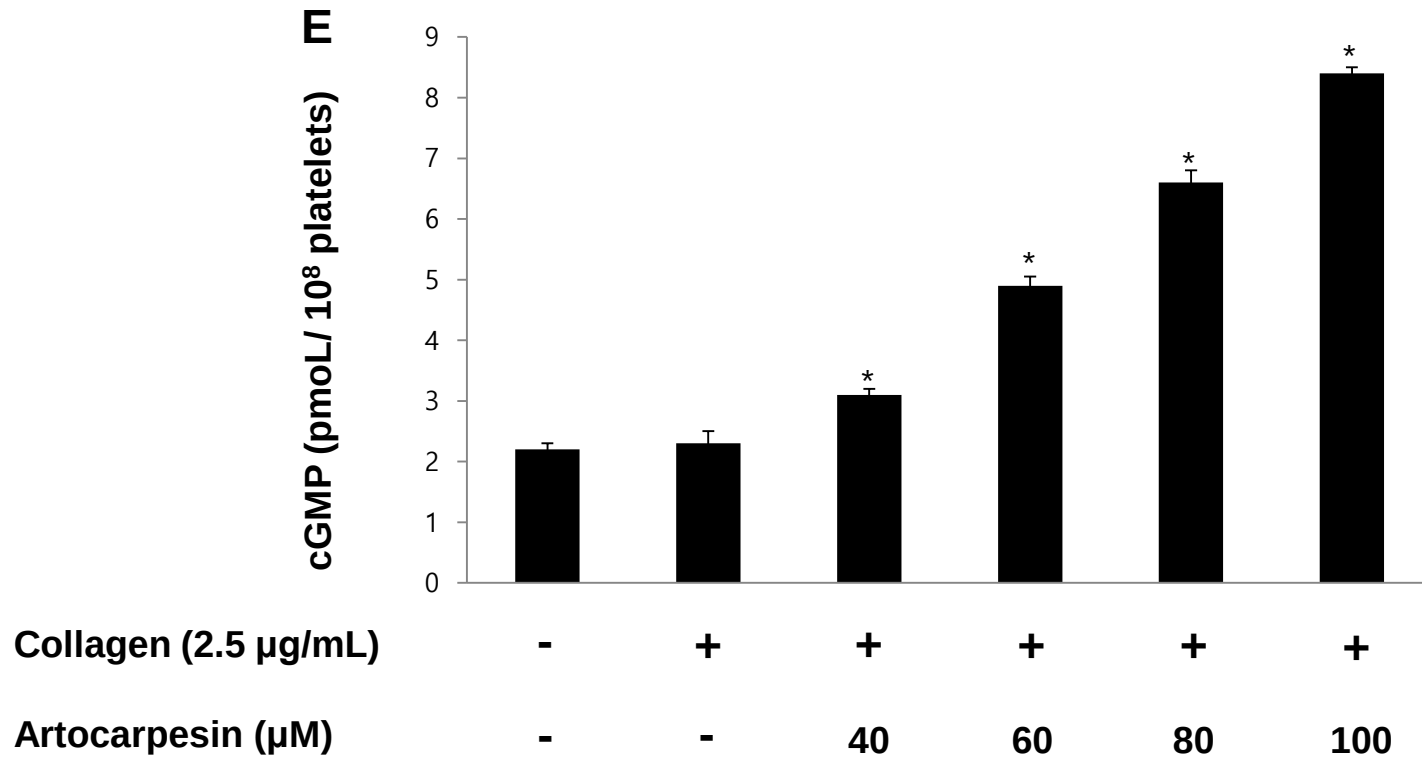
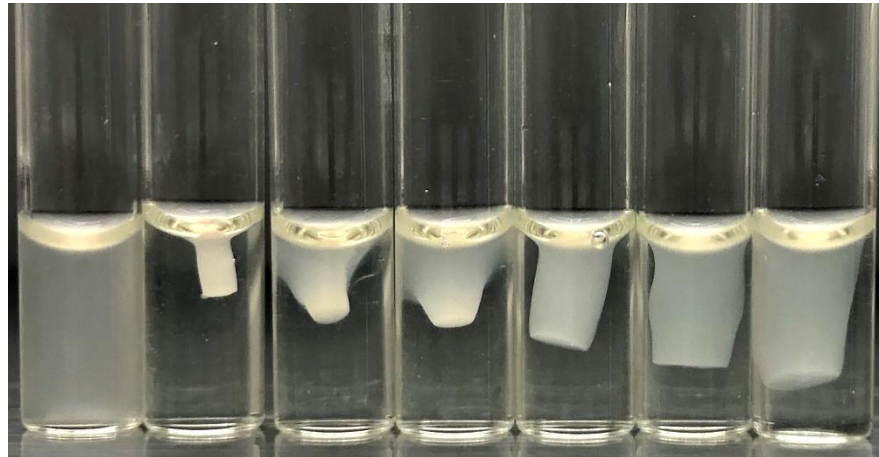


Fig. 4E Effect of artocarpesin on collagen-induced cGMP production

A



Thrombin (0.05 U/mL)	-	+	+	+	+	+	+
Artocarpesin (μ M)	-	-	40	60	80	100	-
Y27632 (5 μ M)	-	-	-	-	-	-	+

Fig. 5A Photographs of fibrin clot

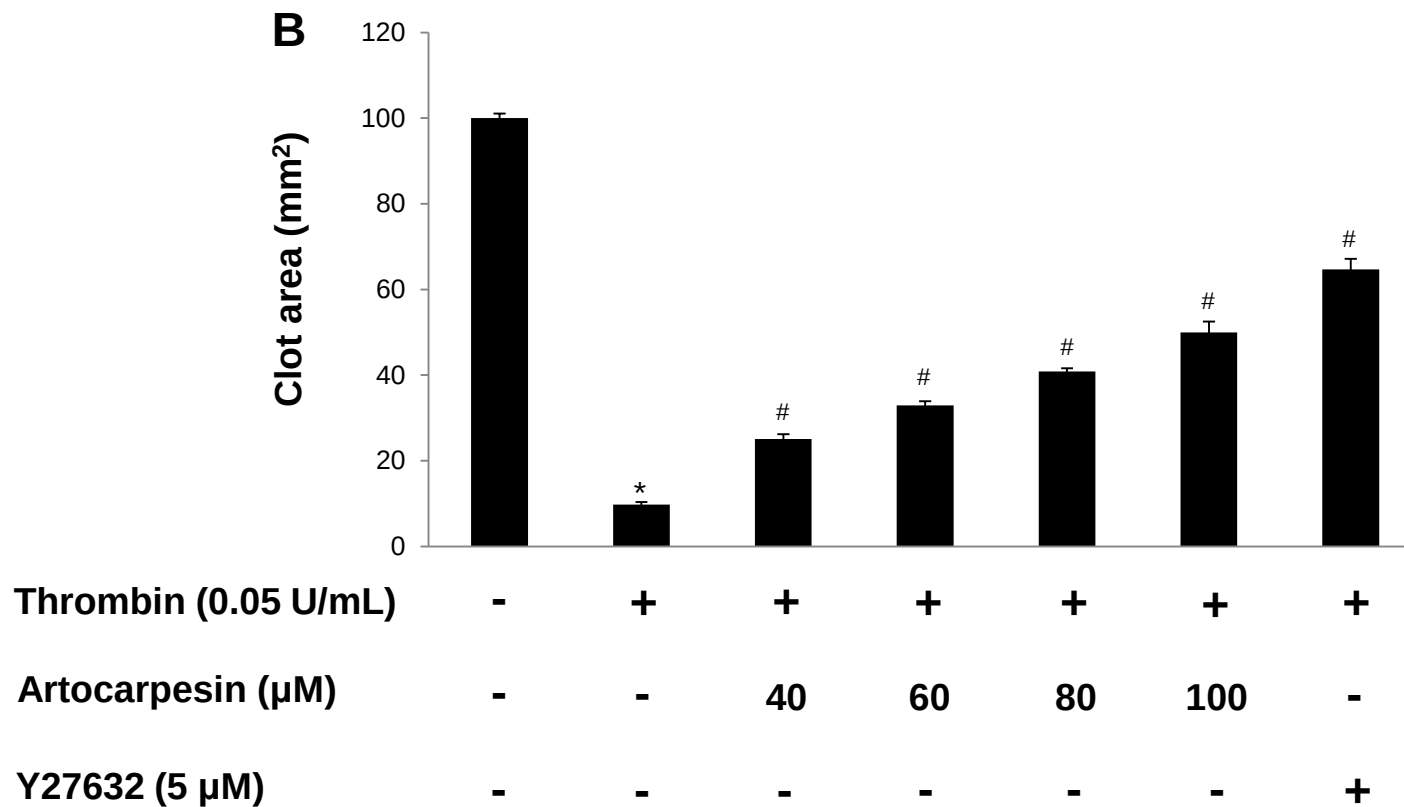


Fig. 5B Effects of artocarpesin on thrombin-retracted fibrin clot (%)

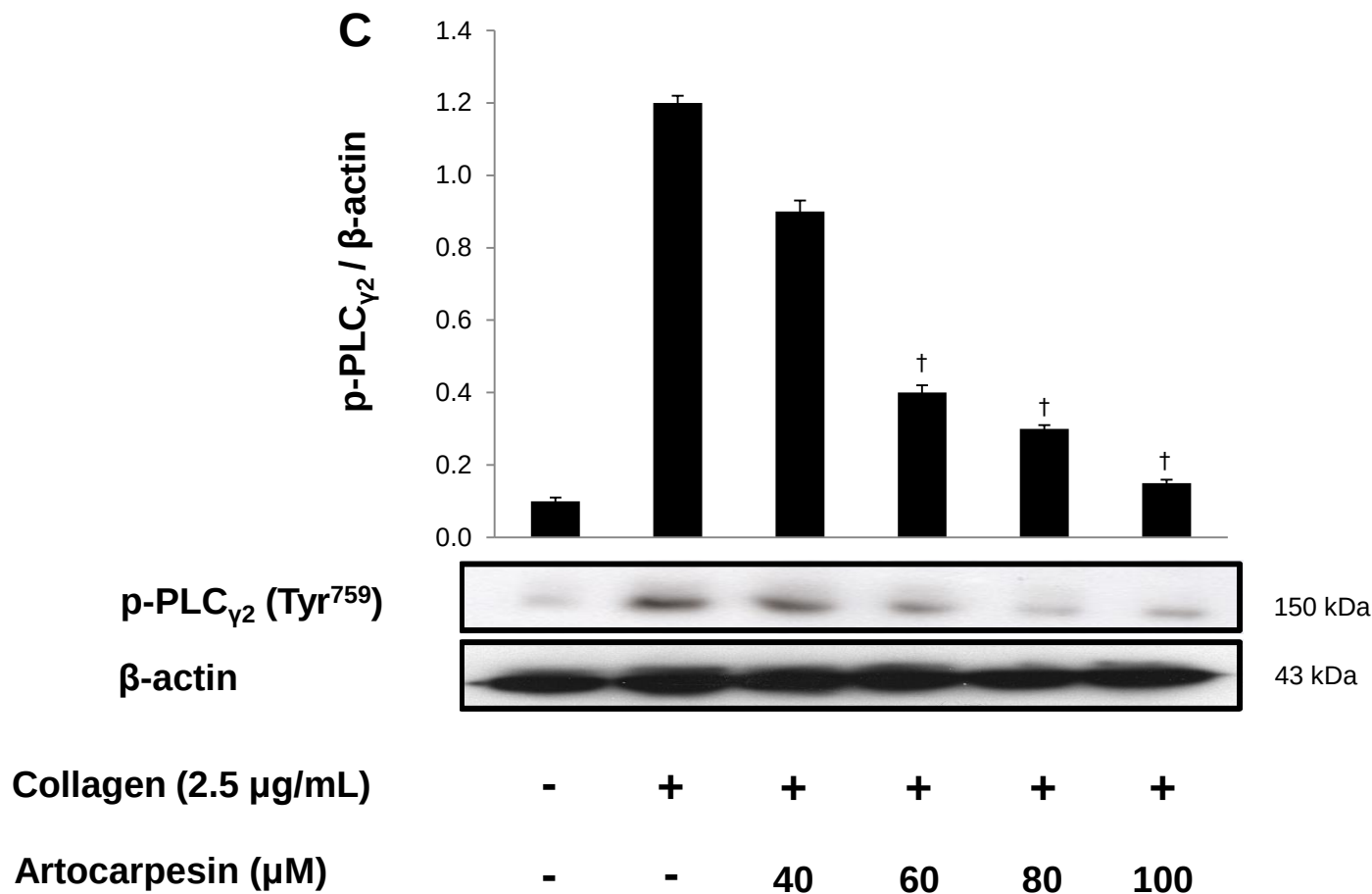
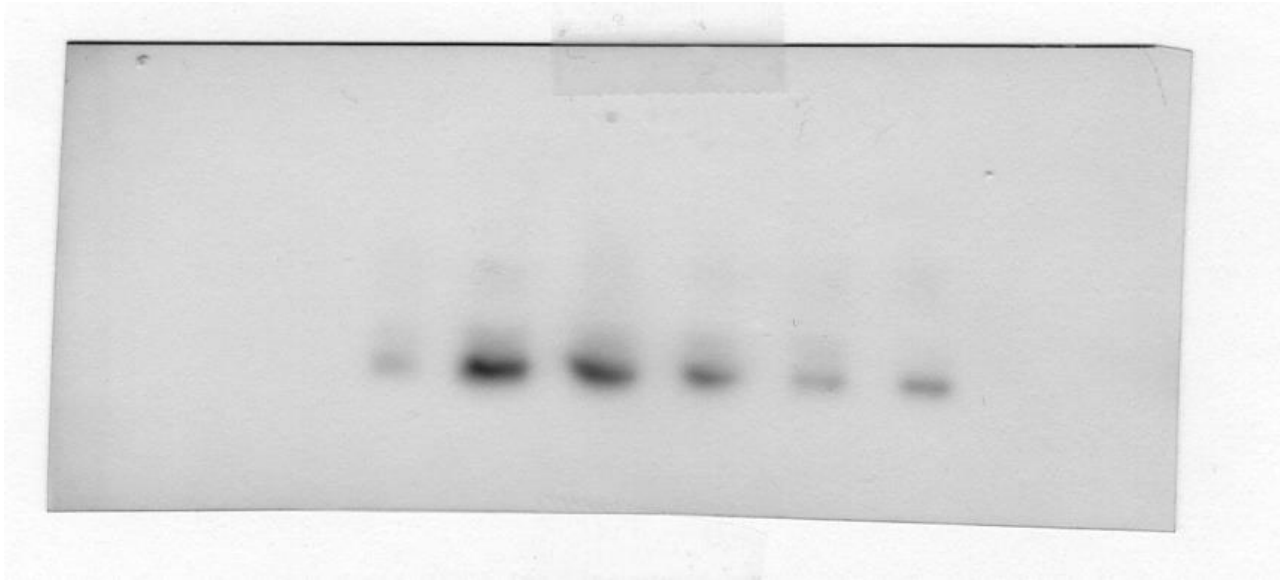


Fig. 5C Effect of artocarpesin on collagen-induced PLC_{γ2} (Tyr⁷⁵⁹) phosphorylation



Phosphor-PLCy2