Supplementary Information

Figure S1. The expression of survivin, XIAP, cFLIP, FADD, TRAIL-R1 (DR4) and TRAIL-R2 (DR5) was detected in the indicated cancer cells by immunoblot assays.

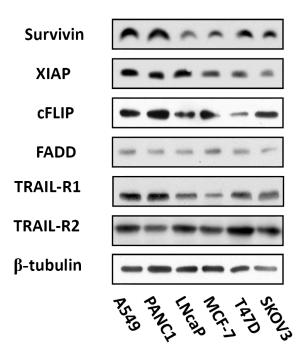
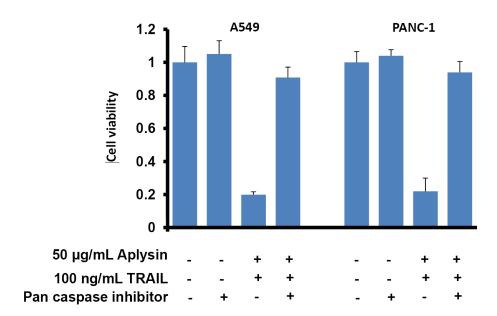


Figure S2. The viability of A549 and PANC1 cells were detected 24 h after Z-VAD-FMK (50 μ M) was used by MTT assays.



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Figure S3. The expression of levels of survivin in Figure 5B was quantified using ImageJ software and shown as bars.

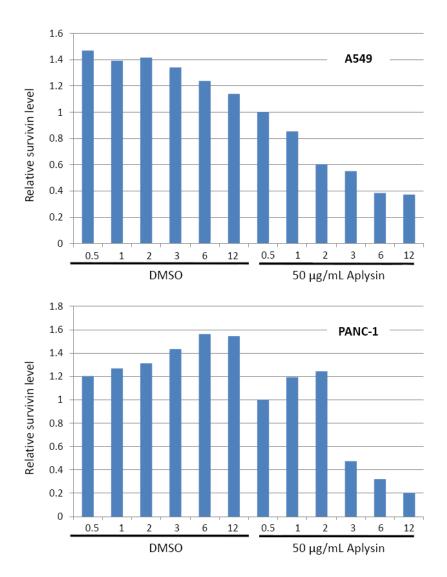
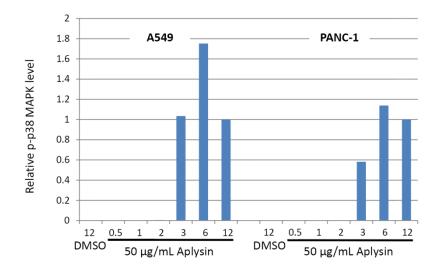


Figure S4. The expression of levels of p-p38 MAPK in Figure 7B was quantified using ImageJ software and shown as bars.



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Figure S5. The expression of apoptosis inhibitors XIAP and cFLIP, cellular TRAIL receptor TRAIL-R1 and TRAIL-R2, and TRAIL decoy receoptor TRAIL-R3 and TRAIL-R4, were detected in A549 and PANC1 cells after 12 h treatment of Aplysin (50 μg/mL).

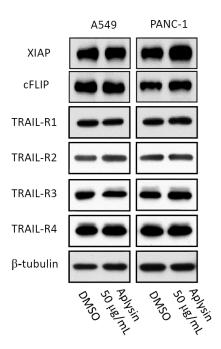
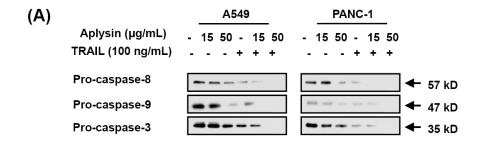
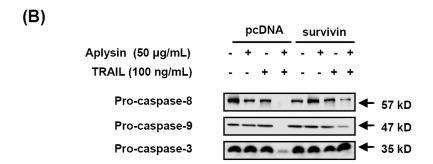


Figure S6. The expression levels of the pro-forms of caspase 3, 8 and 9 in Figures 4A (A) and 6C (B) were shown here.





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