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Supplemental Information

ALPPL2 Is a Potential Diagnostic Biomarker for Pancreatic Cancer-Derived Extracellular Vesicles

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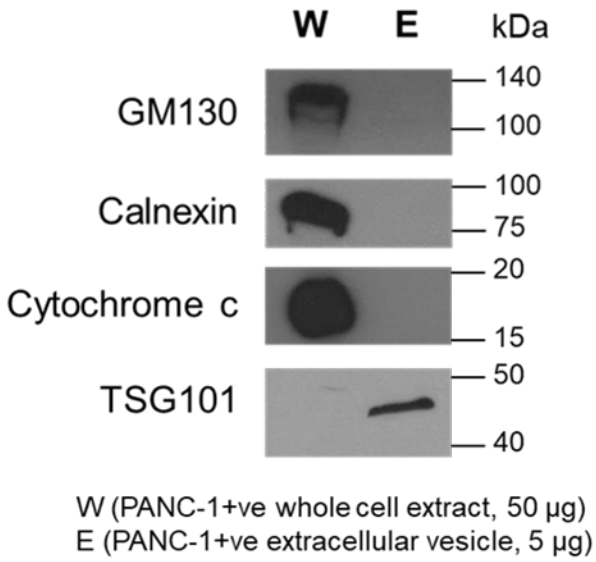
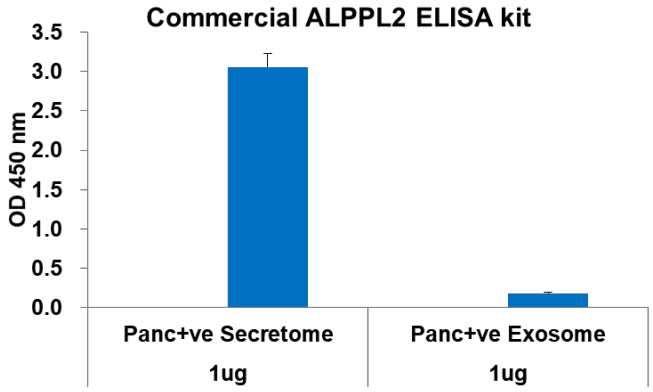
Supplementary Figure 1



Western Blot analysis to confirm the purity of the isolated EVs. Panc-1+ve whole cell extract (50 µg) and secreted EVs (5 µg) were subjected to immunoblot analysis for markers of various cellular organelles: Calnexin (endoplasmic reticulum), GM130 (Golgi) and Cytochrome C (mitochondria). TSG101 was used as a marker of EVs. The exosome preparations were devoid of mitochondria, Golgi and ER protein contamination.

Supplementary Figure 2



Quantification of ALPPL2 protein in commercial ALPPL2 sandwich ELISA kit (DL Develop, DL-ALPPL2-Hu). The commercial kit can detect ALPPL2 significantly in recombinant ALPPL2 proteins expressed in HEK293T cells and in PANC-1+ve secretomes. However, it did not show any reliable signals when PANC-1+ve EVs were added.