

1 **Supplementary Fig. 1. TEM images of U87-derived EVs**

2 **Supplementary Fig. 2. TEM images of GBM8-derived EVs**

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4 **Supplementary Fig. 3. TEM images of glycan-modified EVs**

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6 **Supplementary Fig. 4. Independent validations of Fig. 5B and anti-CD63 binding to**

7 **EVs.** Chemo-enzymatic modification of EVs resulted in enhancement of DC-SIGN binding in

8 the palmitoyl-Le<sup>Y</sup> incorporated EVs (A) and a decrease in sialylation in the sialidase treated

9 EVs (B), but didn't change CD63 expression (C), measured by lectin-binding ELISA on EVs

10 adsorbed to a solid phase.

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